

Fig. 1

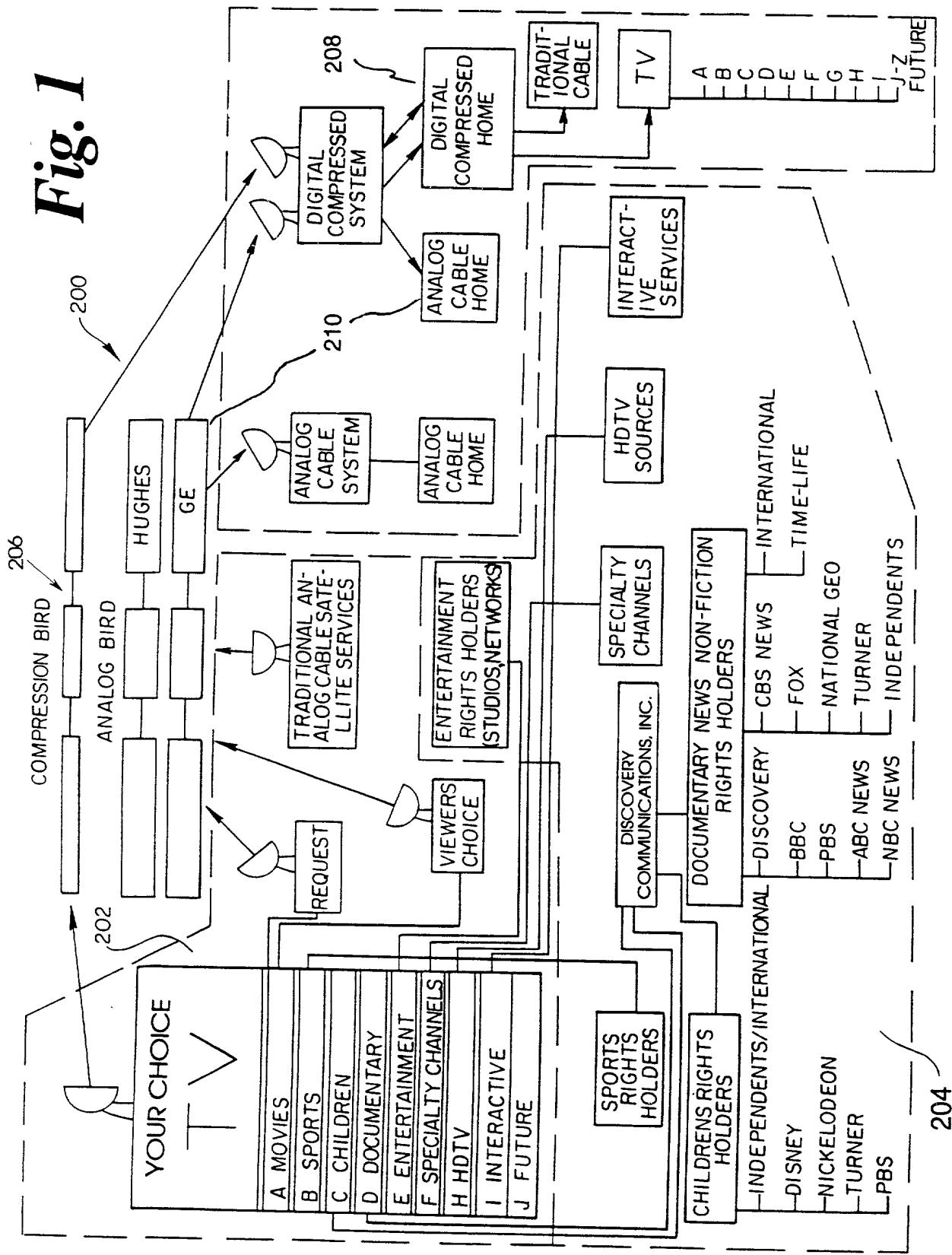


Fig. 2

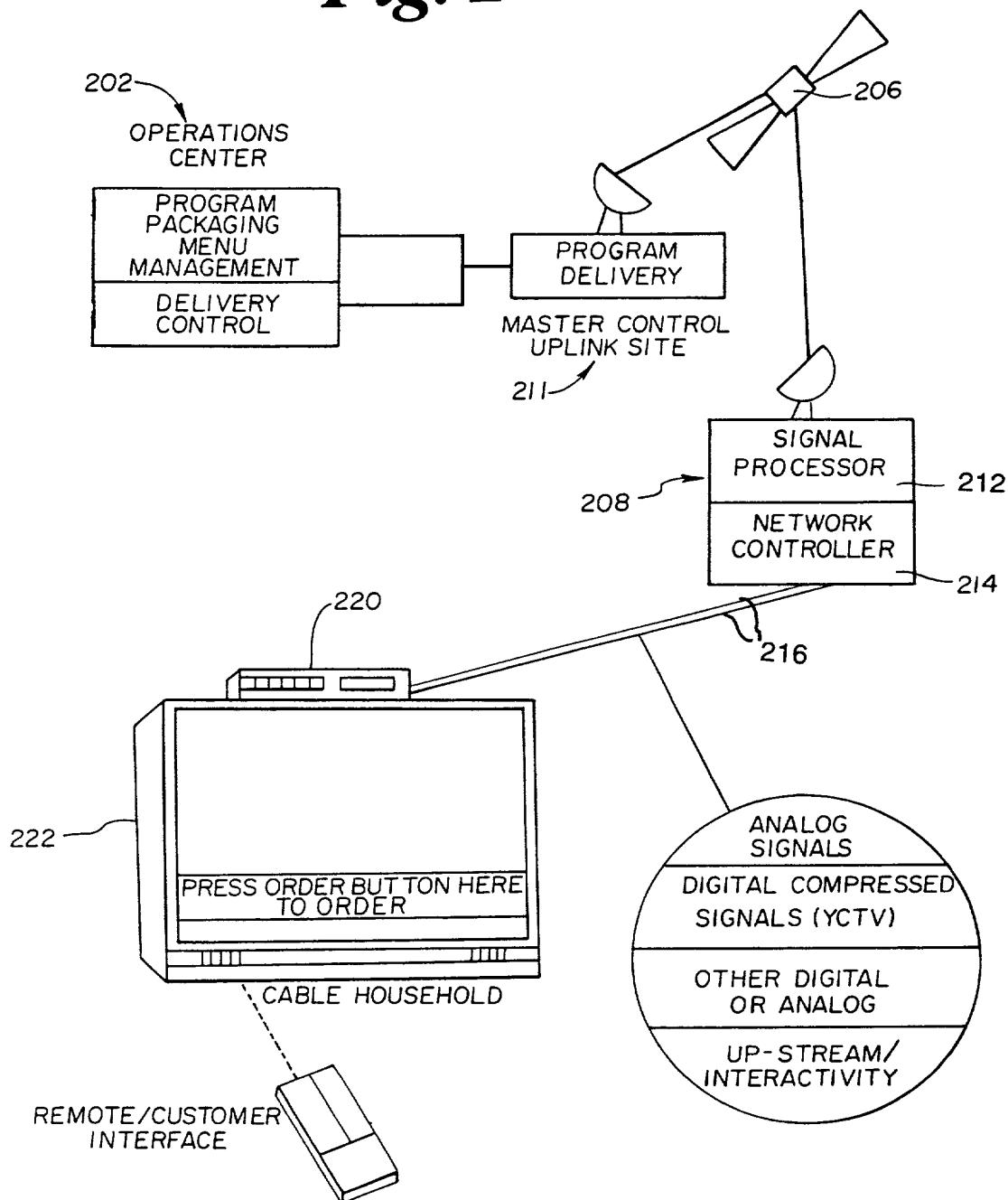


Fig. 3a

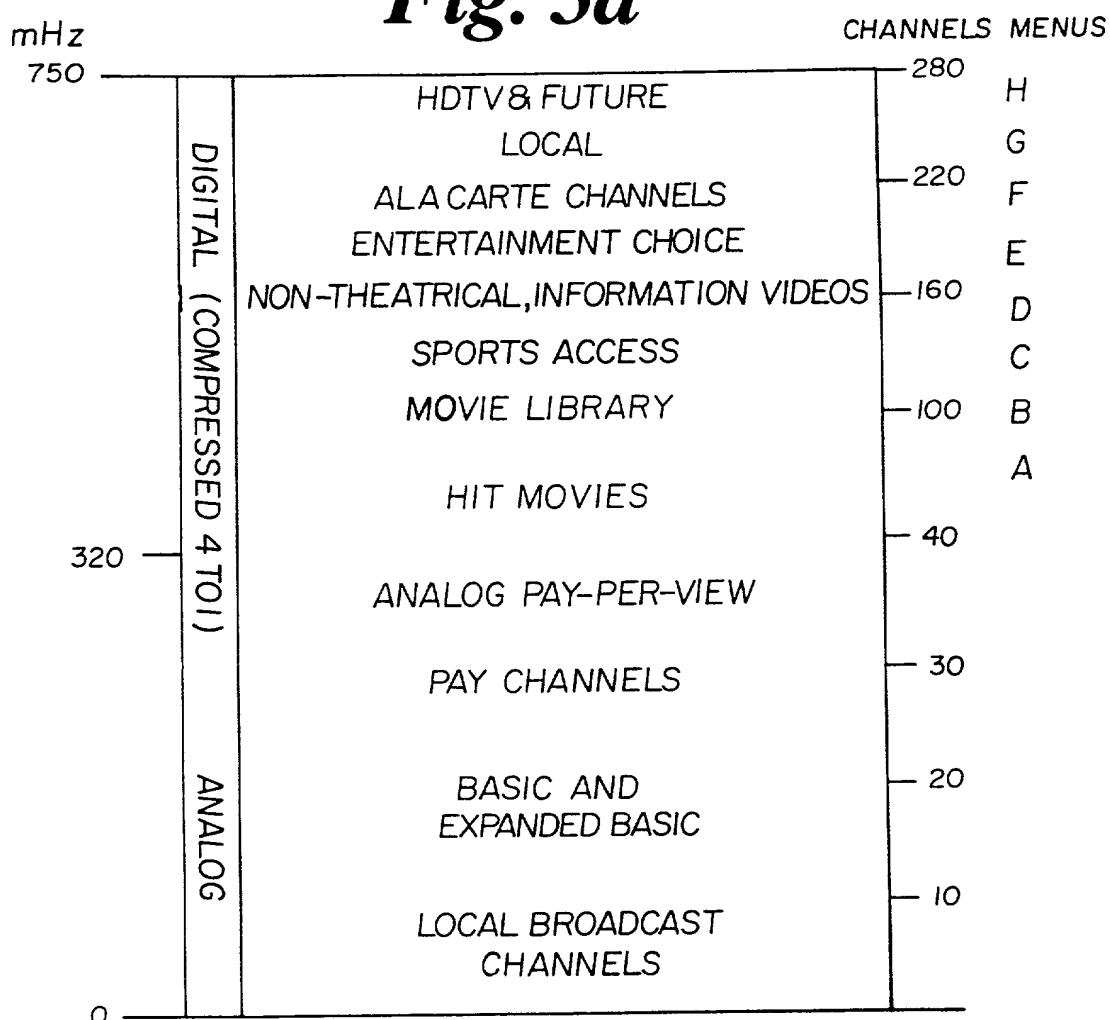


Fig. 3b

CHANNEL MENU	PROGRAMMING CATEGORY	# CHANNELS ALLOCATED
A	MOVIES	50
B	SPORTS	2
C	CHILDRENS	3
D	DOCUMENTARY	14
E	ENTERTAINMENT	10
F	SPECIALTY CHANNELS	15
G	LOCAL	N/A
H	HDTV	4
I	INTERACTIVE	2
	COMBINED	100

Fig. 3c

SATELLITE MOVIE OPTIONS

	VCTV COMP. COMBO RATIO	AVAILABLE MENUS (1,2,8,3)	PRIORITY ONE MENUS	PRIORITY ONE PLUS TWO MENUS
1	8:1	 HIT MOVIES 8 MOVIE SELECTIONS WITH START TIMES EVERY 15 MINUTES	 HIT MOVIES 6 MOVIE SELECTIONS WITH START TIMES EVERY 30 MINUTES	 HIT MOVIES 6 MOVIE SELECTIONS WITH START TIMES EVERY 15 MINUTES
2	8:1			
3	8:1			
4	8:1			
5	8:1			
6	8:1			
7	8:1			
8	8:1			
9	4:1	 SPORTS 8 SELECTIONS	 SPORTS 2 SELECTIONS	 SPORTS 4 SELECTIONS
10	4:1			
11	8:1	 CHILDRENS 8 SELECTIONS	 CHILDRENS 2 SELECTIONS	 CHILDRENS 4 SELECTIONS
12	8:1	 DOCS/NEWS 8 SELECTIONS	 DOCS/NEWS 2 SELECTIONS	 DOCS/NEWS 4 SELECTIONS
13	8:1	 ENTERTAIN- MENT 8 SELECTIONS	 ENTERTAIN- MENT 4 SELECTIONS	 ENTERTAIN- MENT 6 SELECTIONS
14	8:1	 SPECIAL- INTEREST CHANNELS 16 SELECTIONS	 SPECIAL- INTEREST CHANNELS 4 SELECTIONS	 SPECIAL- INTEREST CHANNELS 8 SELECTIONS
15	8:1			
16	8:1	PROMOS (1/6 SCREEN)48	PROMOS (1/6 SCREEN)6	PROMOS (1/6 SCREEN)48
17	8:1 or max	DATA STREAM	DATASTREAM	DATA STREAM
18	8:1 or max	 MUSIC 32 DIGITED STATIONS	 MUSIC 4 DIGITED STATIONS	 MUSIC 32 DIGITED STATIONS

236

230

233

Fig. 3d

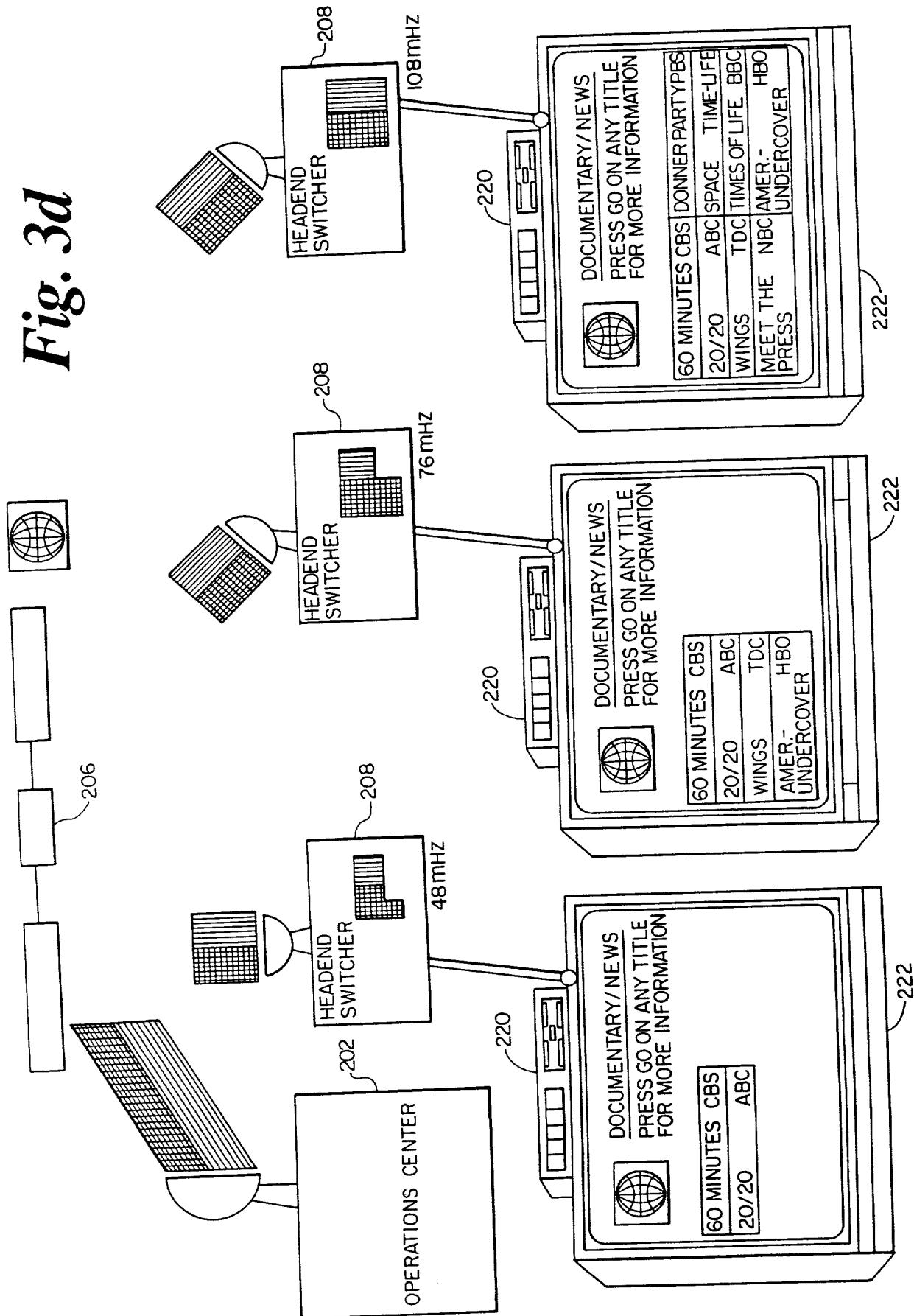
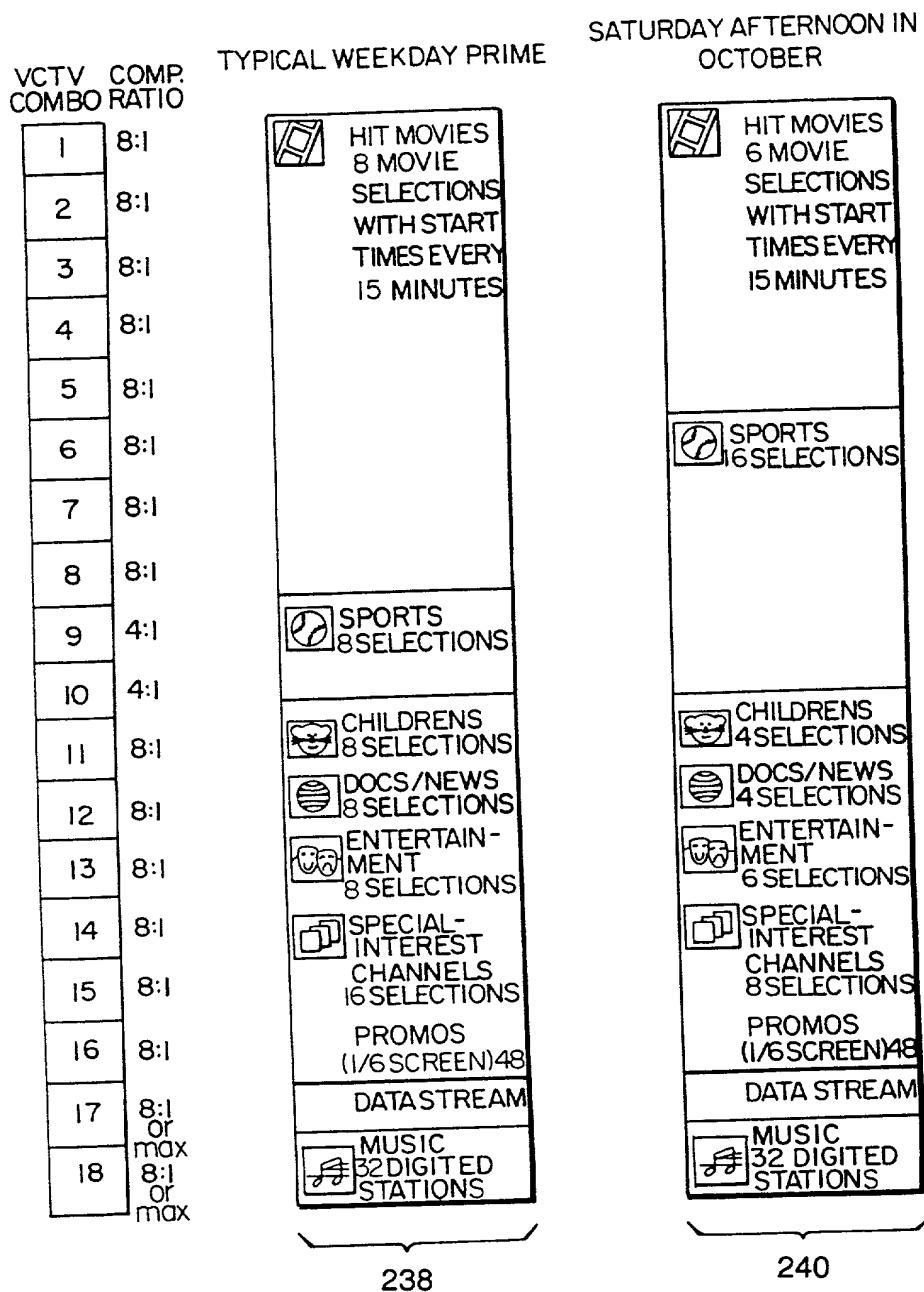


Fig. 3e



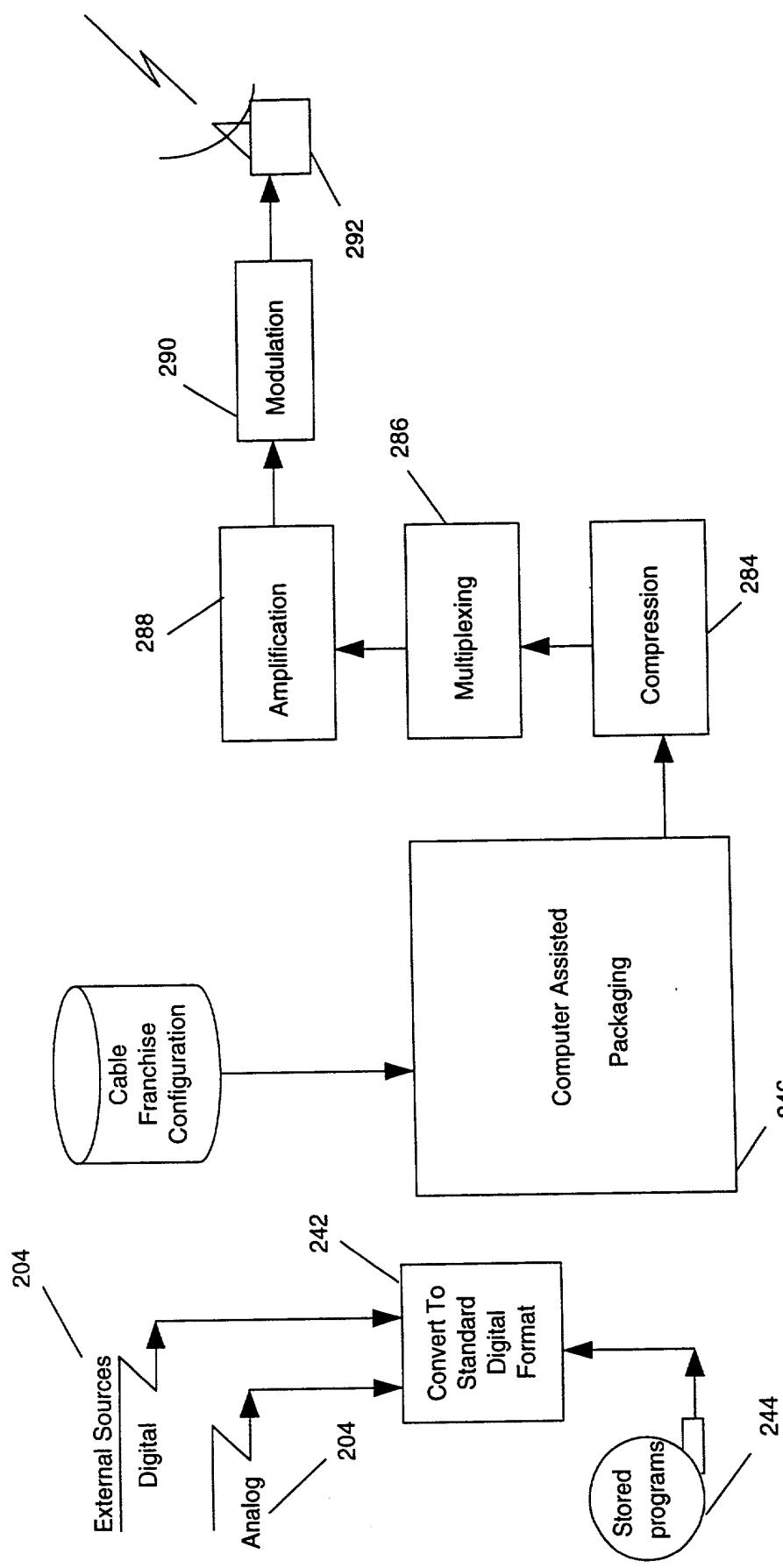
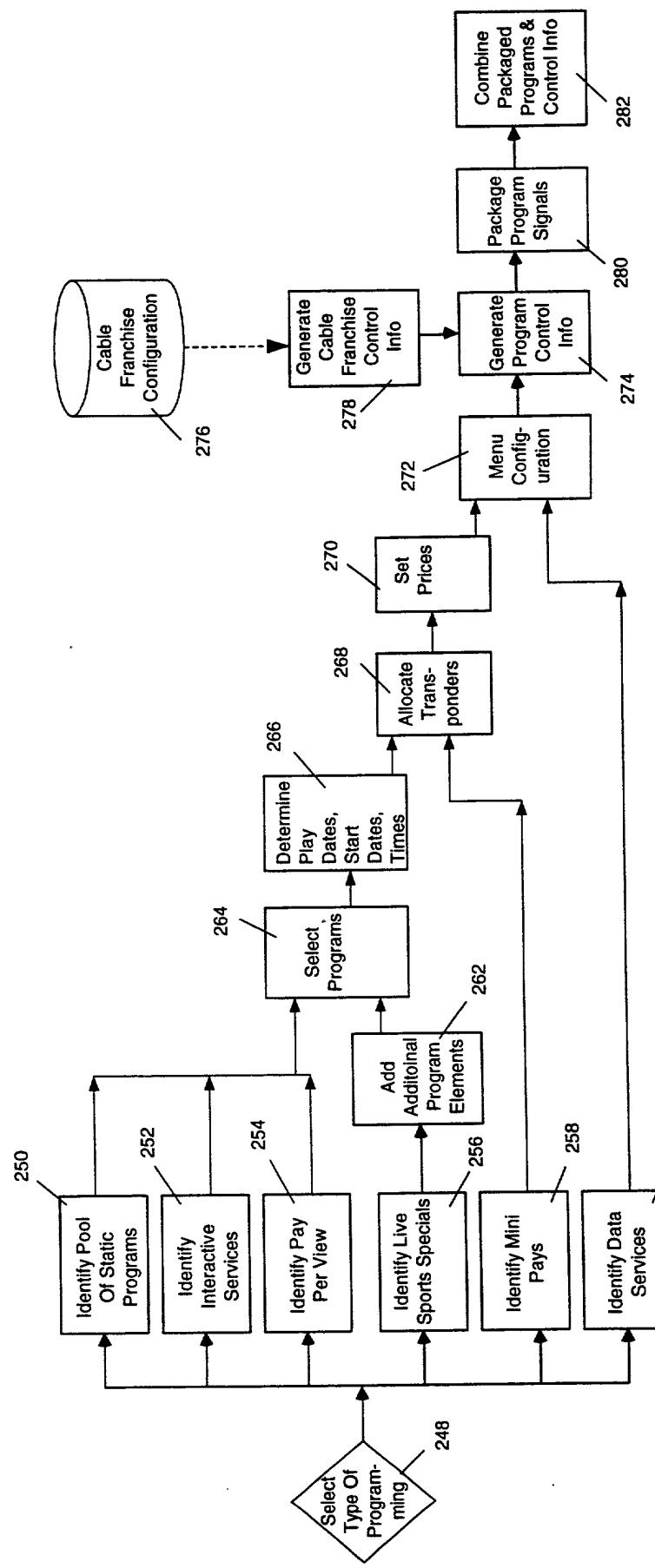


Fig. 4a

Fig. 4b



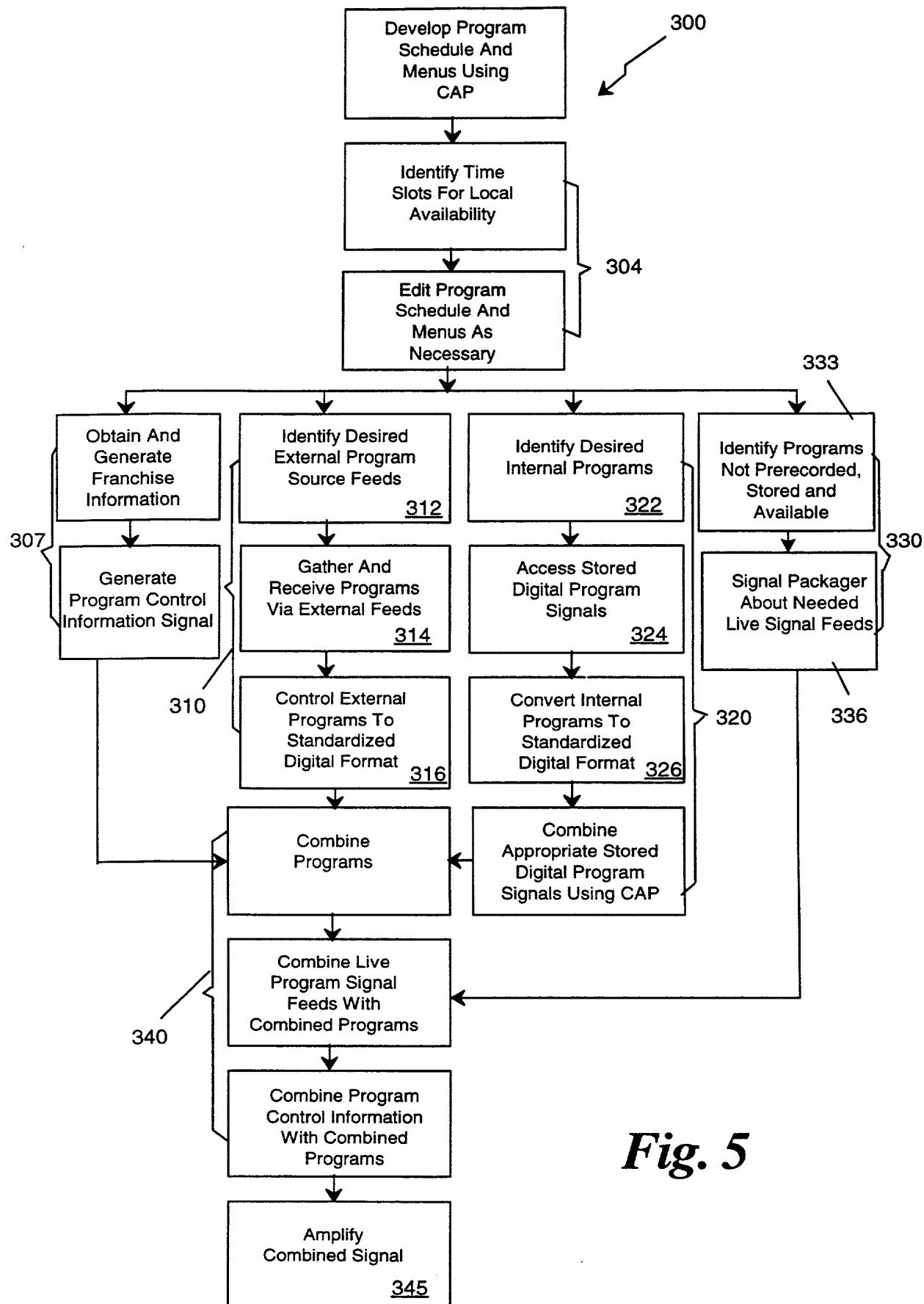


Fig. 5

PROGRAM CONTROL INFORMATION
Chronologically by Channel

12:00 PM

*Program name	*Program length	*Menu code	*Description	*Video
1 Cheers	.5	E24	C	N
2 Terminator	2.0	A33	Tx	S
3 PrimeTime	1.0	D14	N	N
4 Football Special	.5	B24	S	N
•				
•				
•				
•				

12:30 PM

*Program name	*Program length	*Menu code	*Description	*Video
1 Simpsons	.5	E14 & C13	A	S
4 FootballGame	3.0	B13	S	N
•				
•				
•				

1:00 PM

*Program name	*Program length	*Menu code	*Description	*Video
1 Jaws	2.0	E16	Tx	S
3 Bugs Buny	1.0	C25	A	N
•				
•				
•				

1:30 PM

•
•
•

Fig. 6

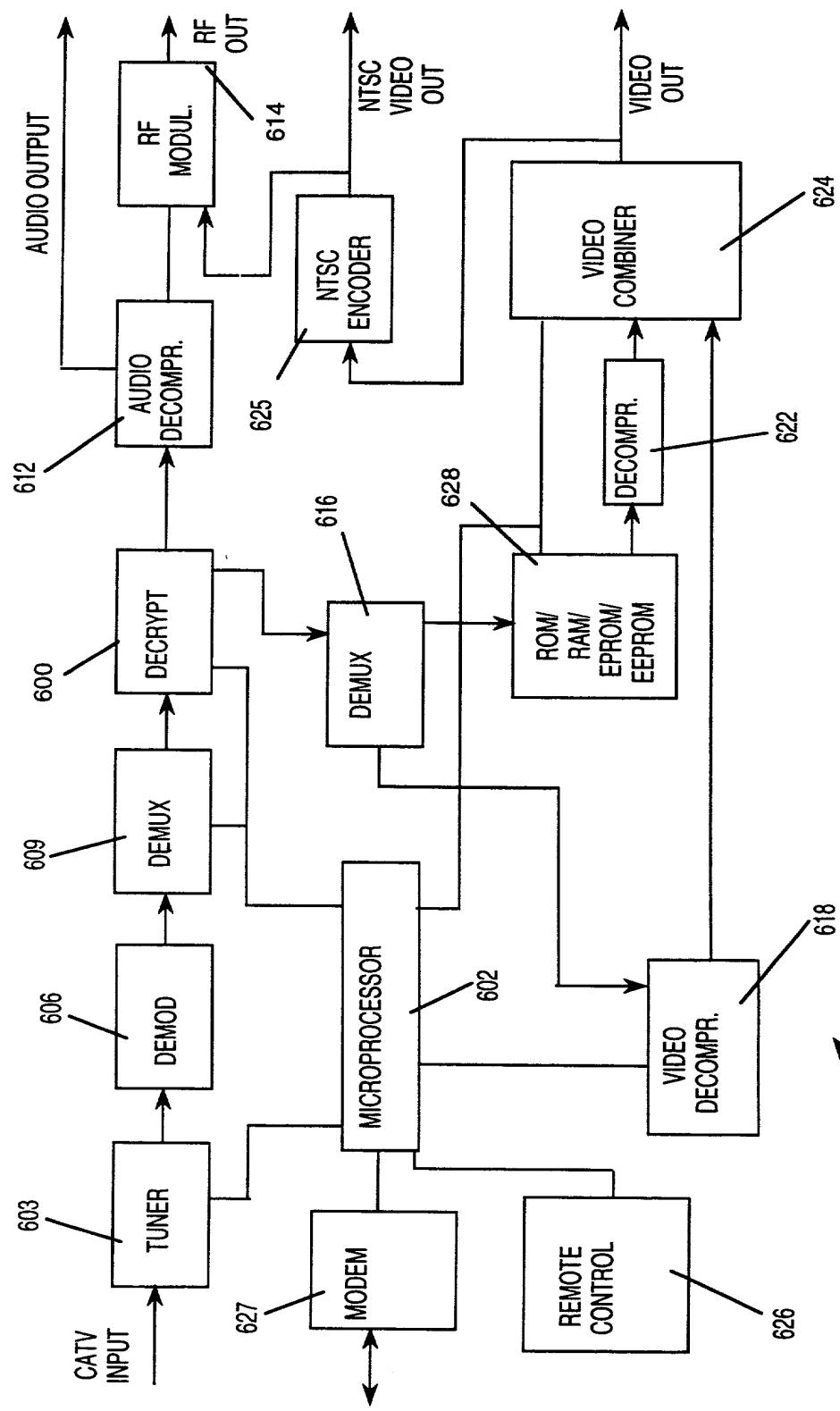


Fig. 7a

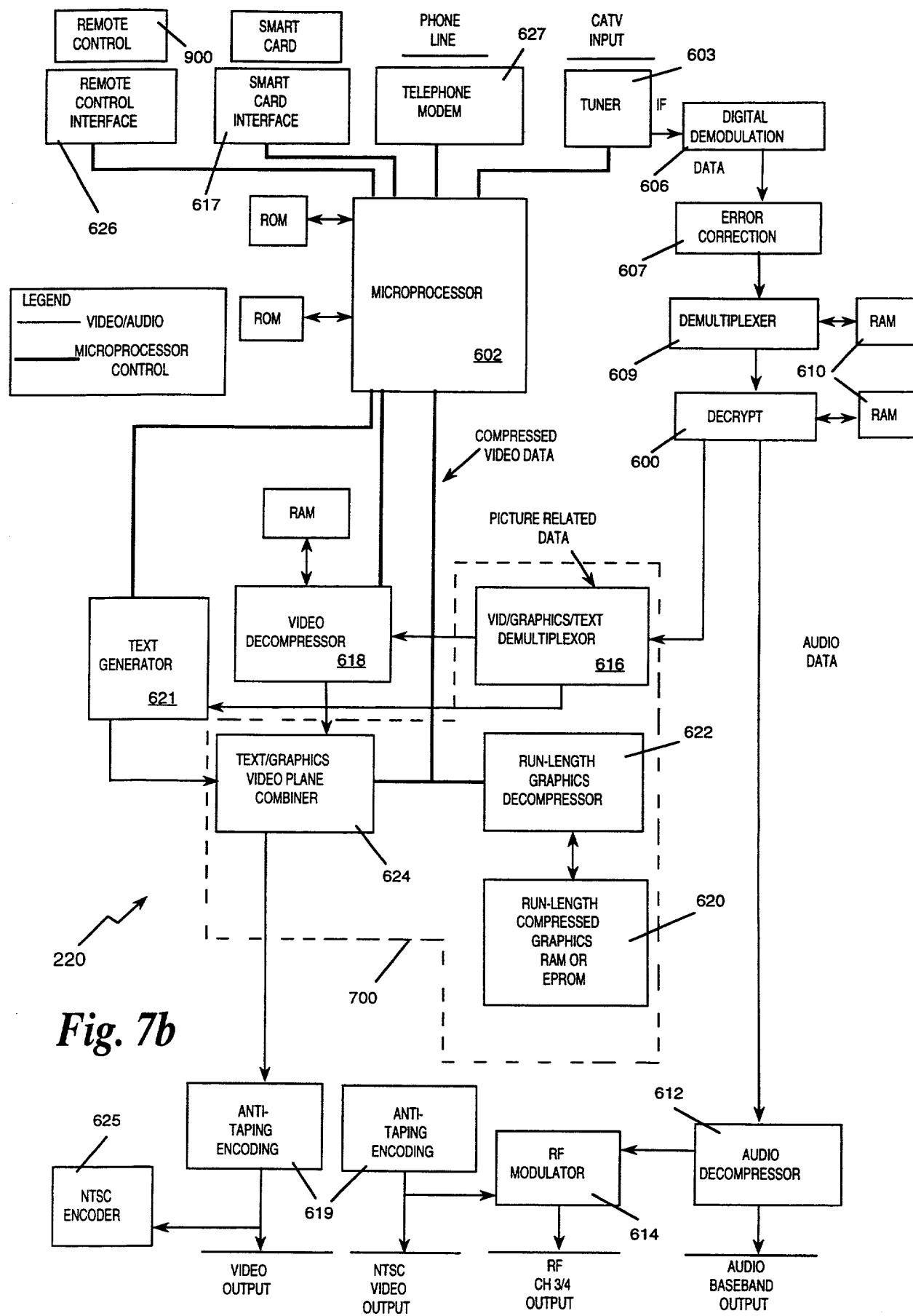


Fig. 7b

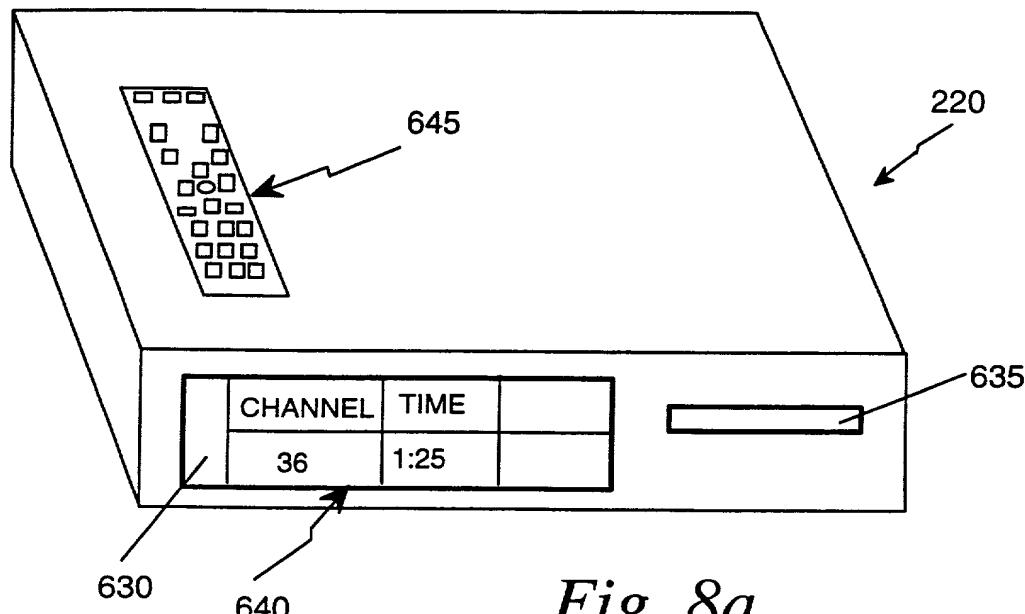


Fig. 8a

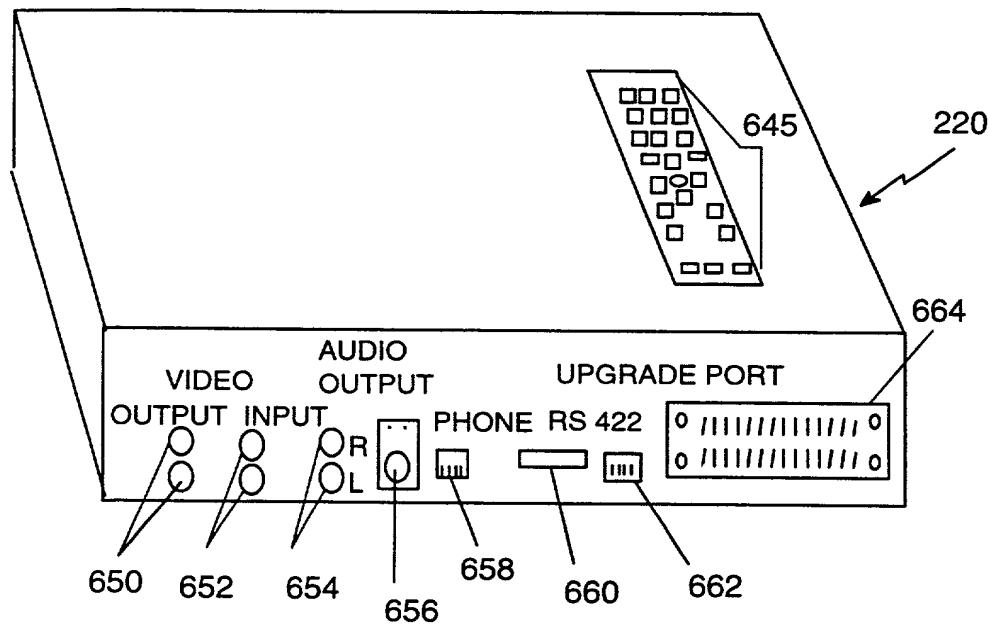


Fig. 8b

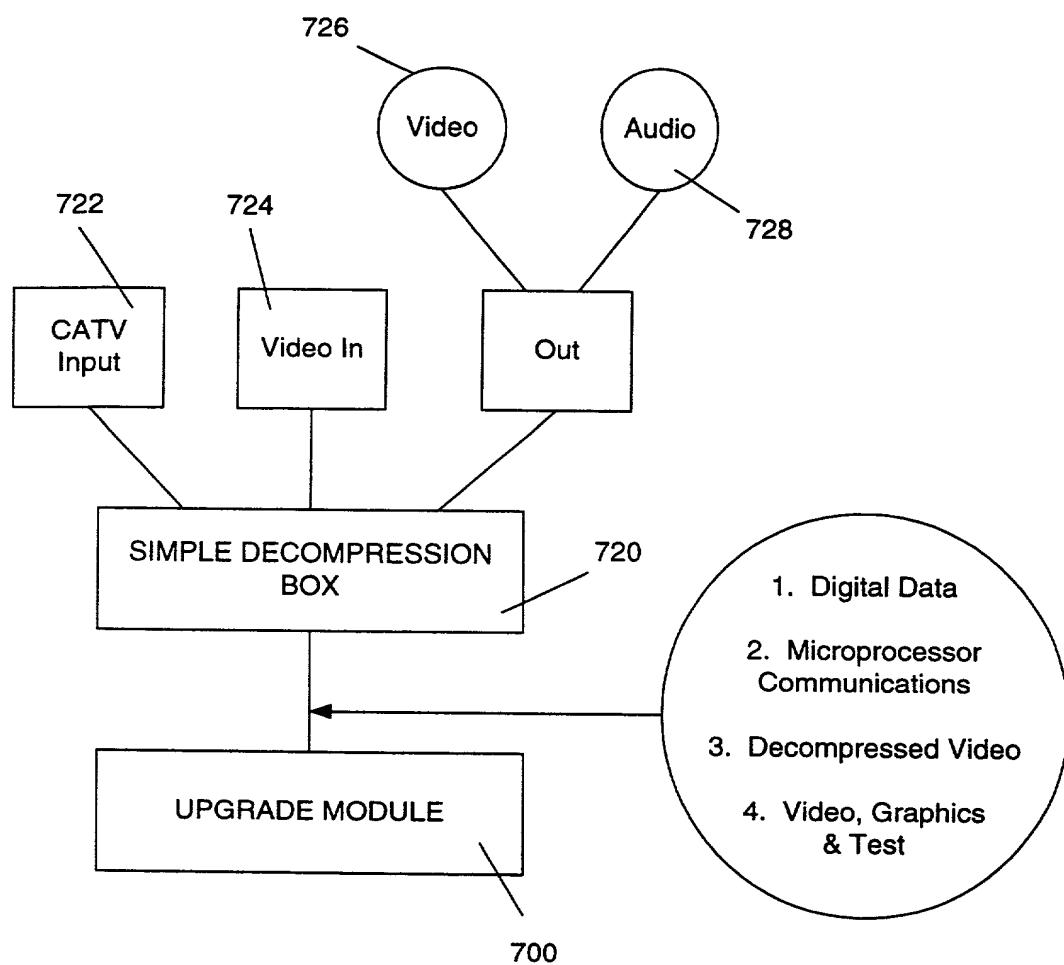


Fig. 9a

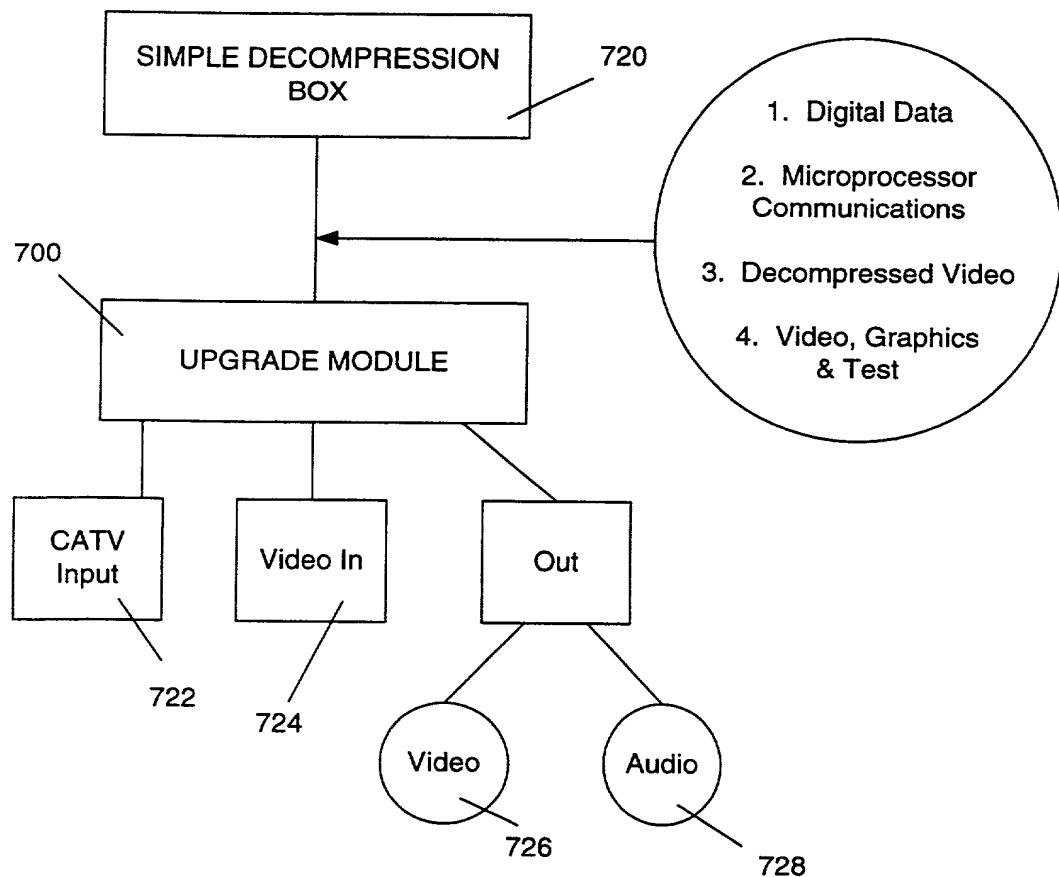


Fig. 9b

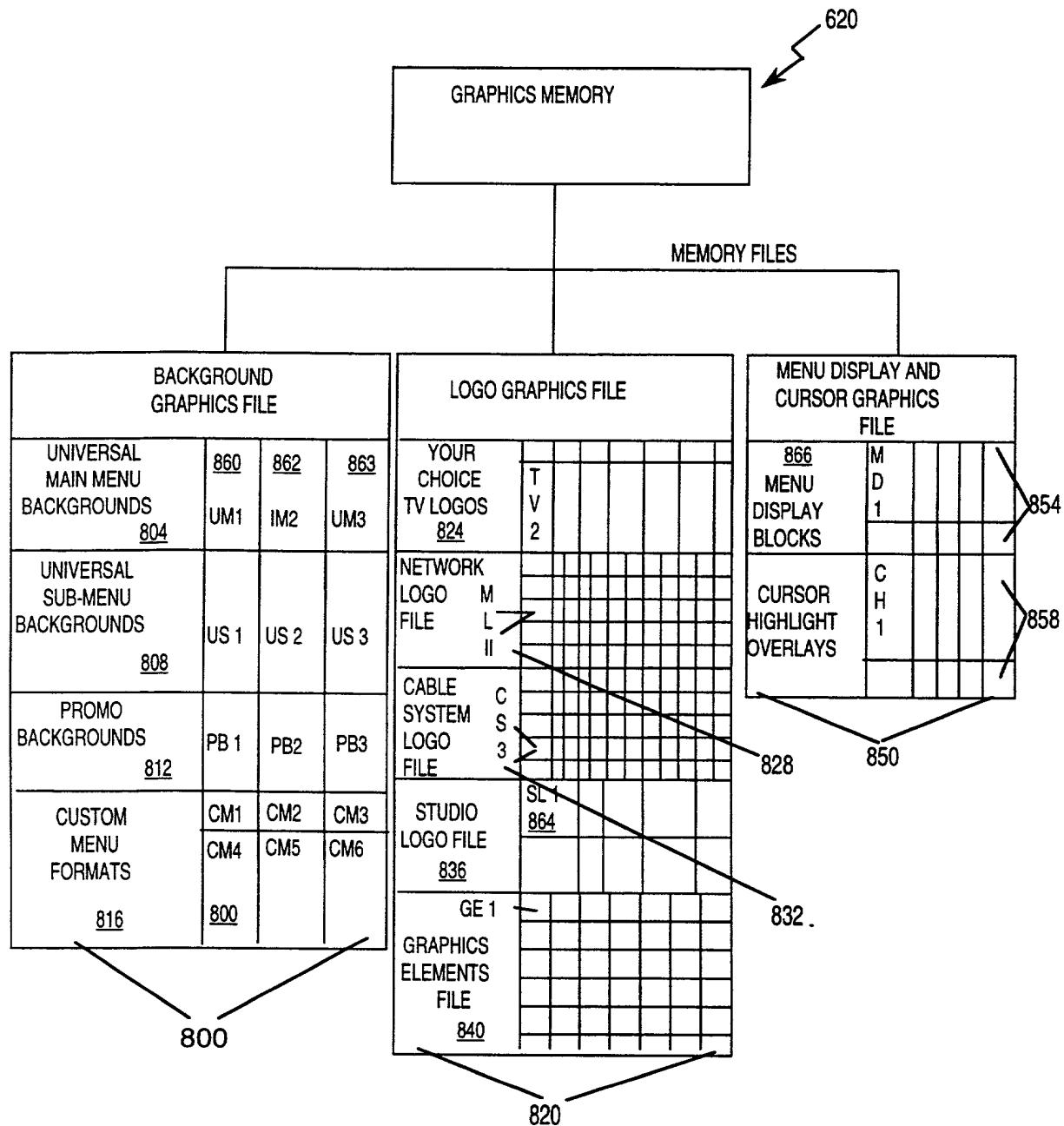


Fig. 10a

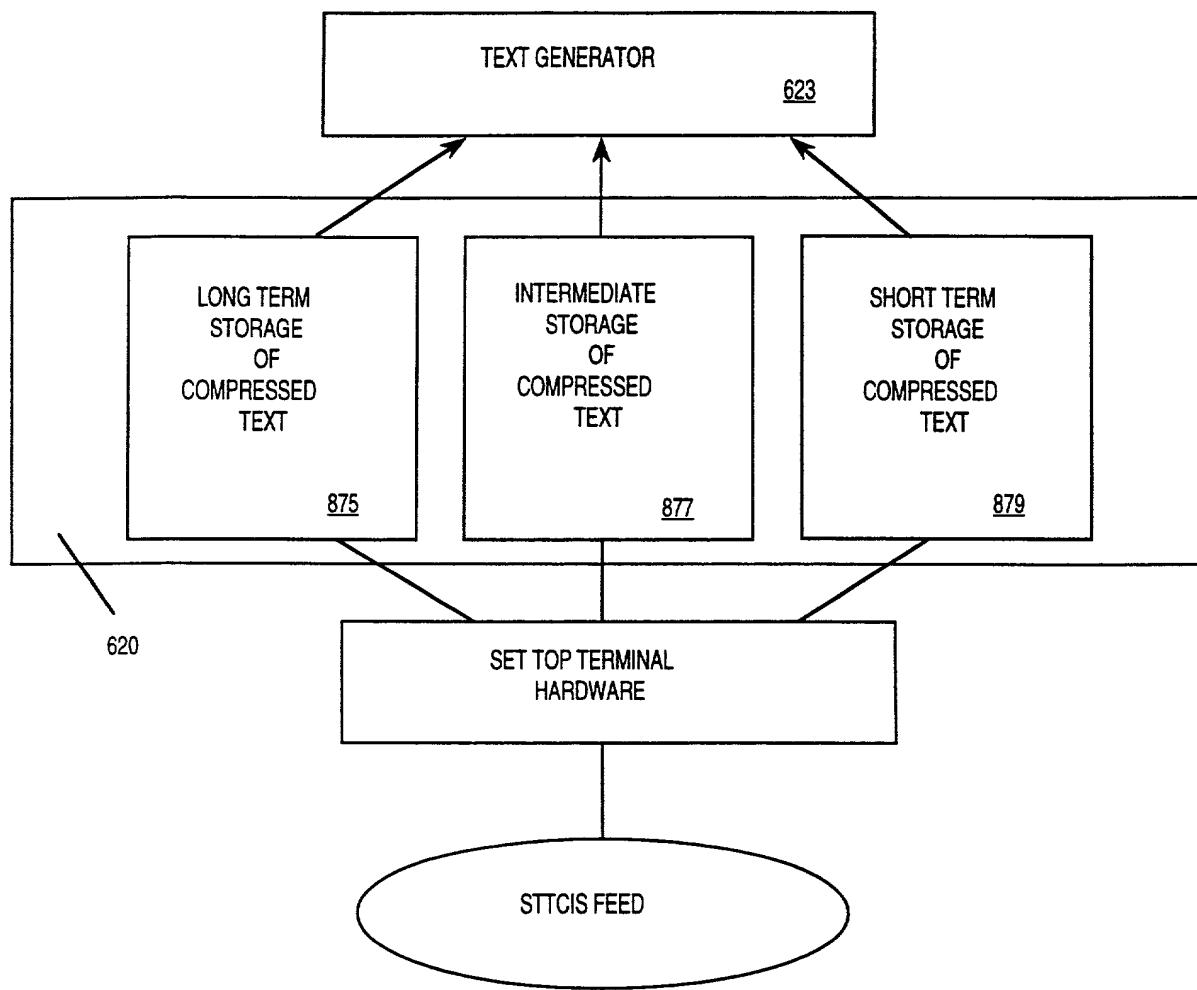


Fig. 10b

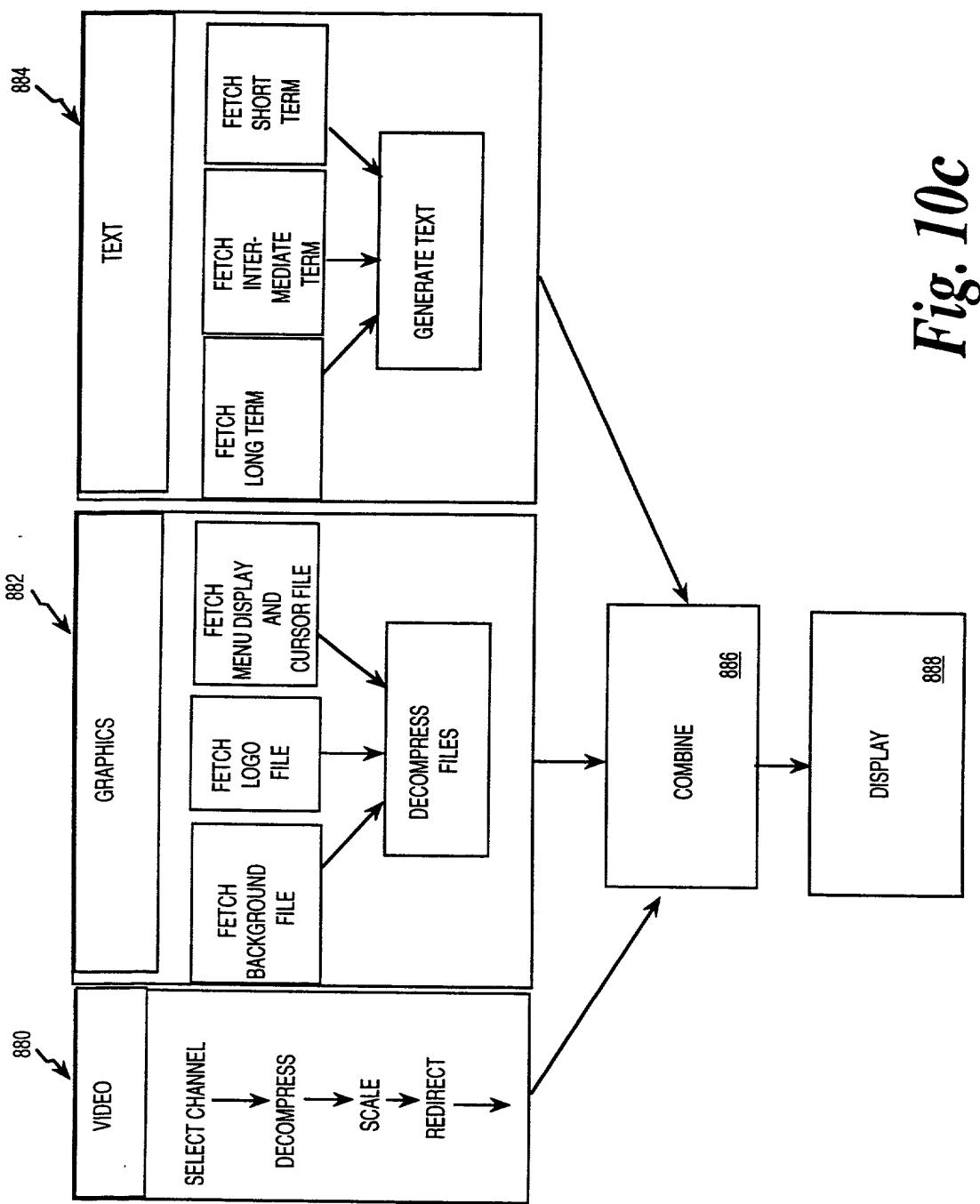


Fig. 10c

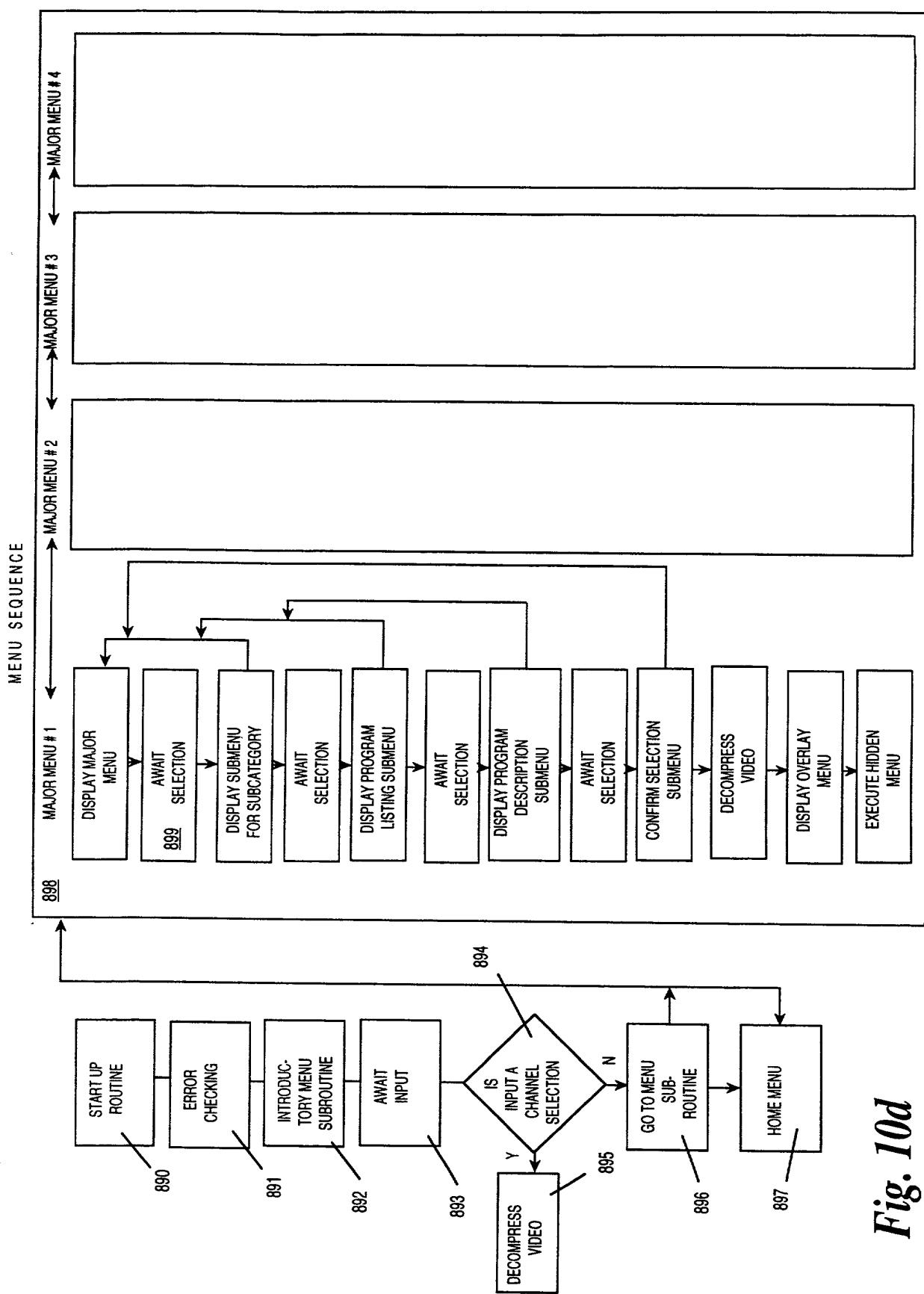
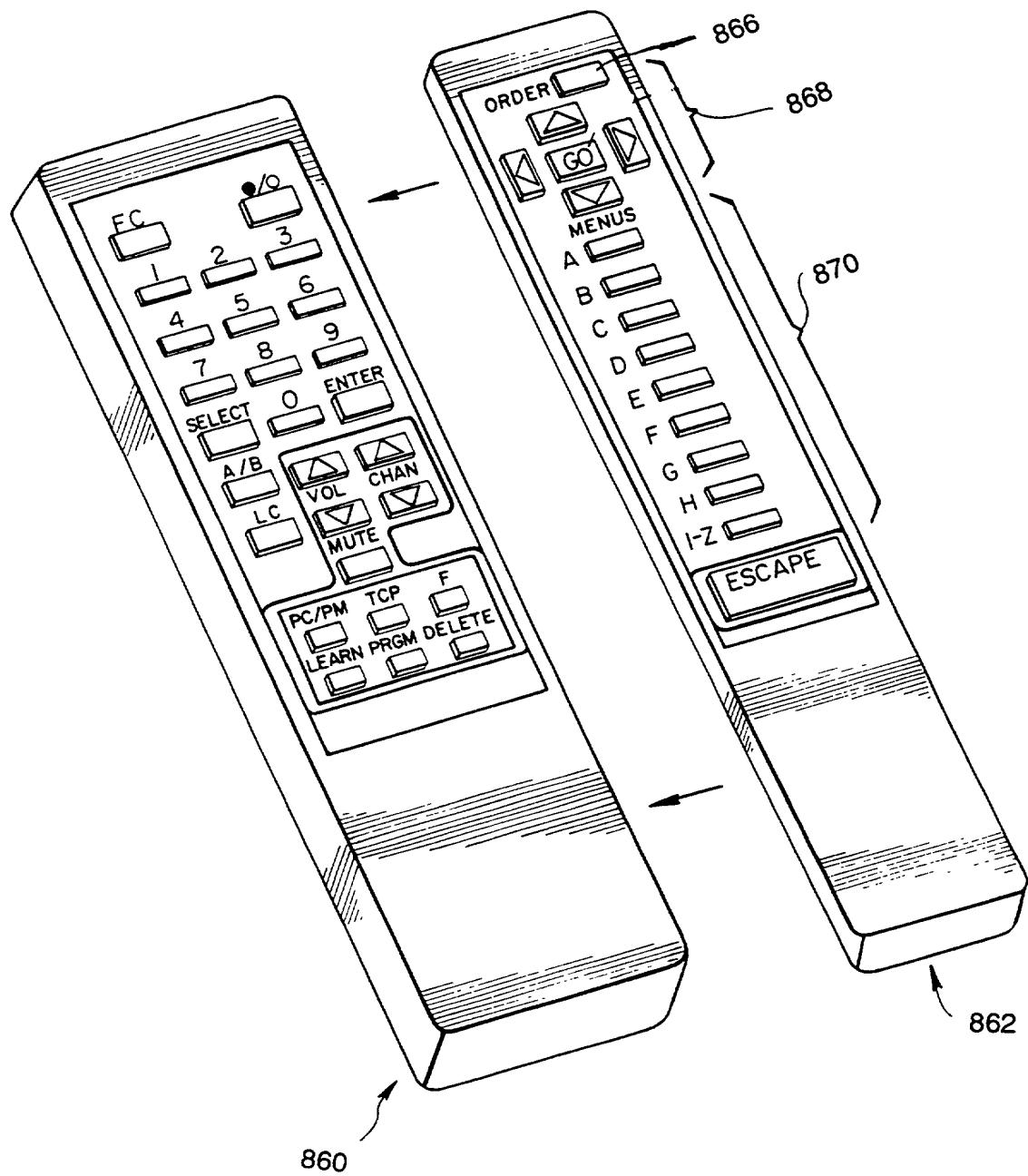


Fig. 10d

Fig. 11a



09065209 400410

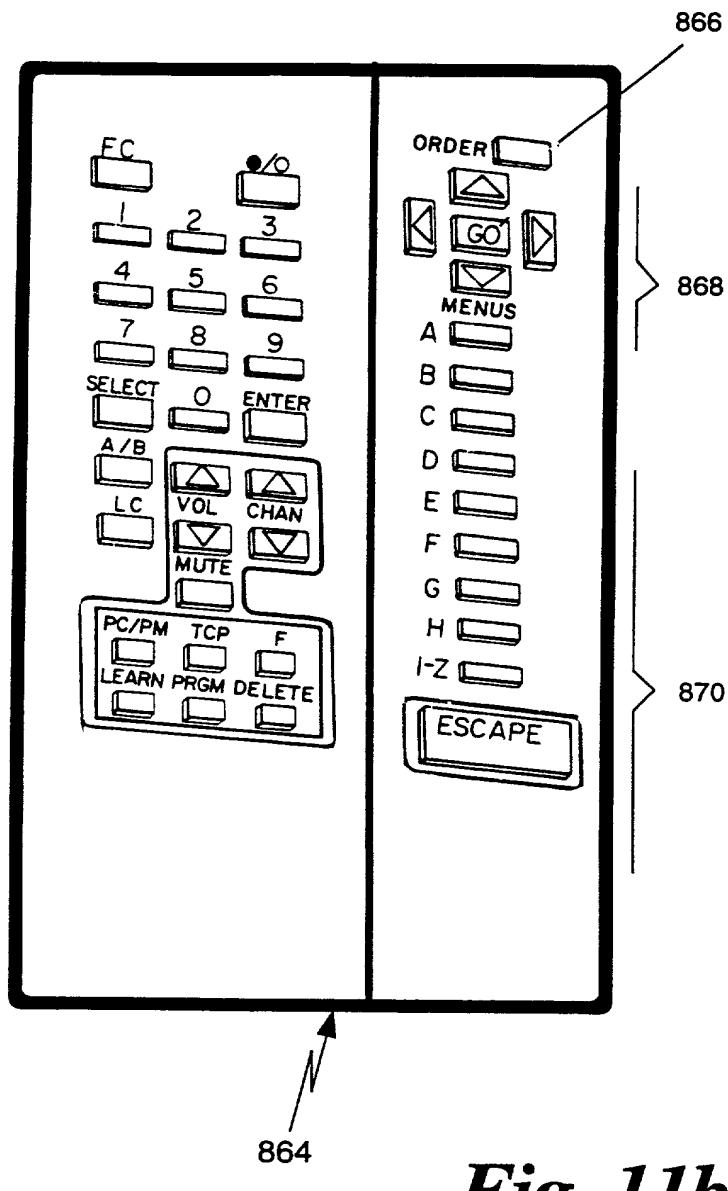


Fig. 11b

Fig. 12a

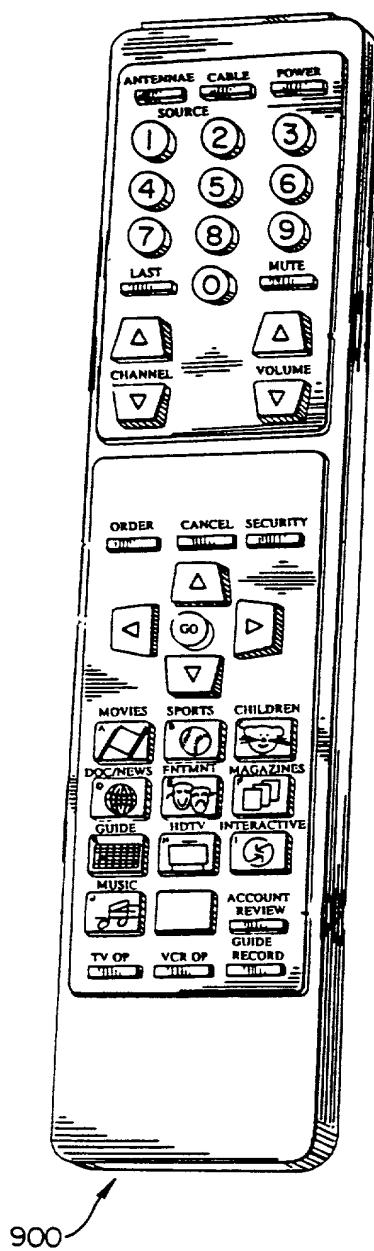
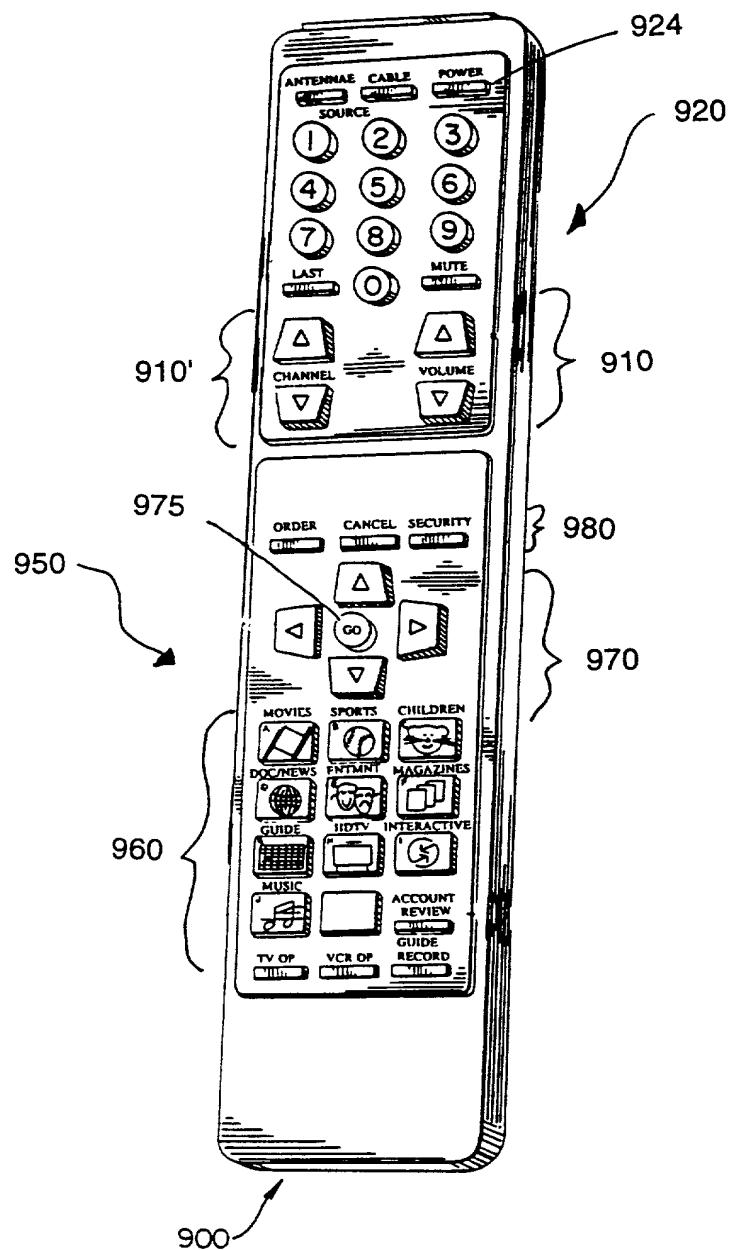


Fig. 12b



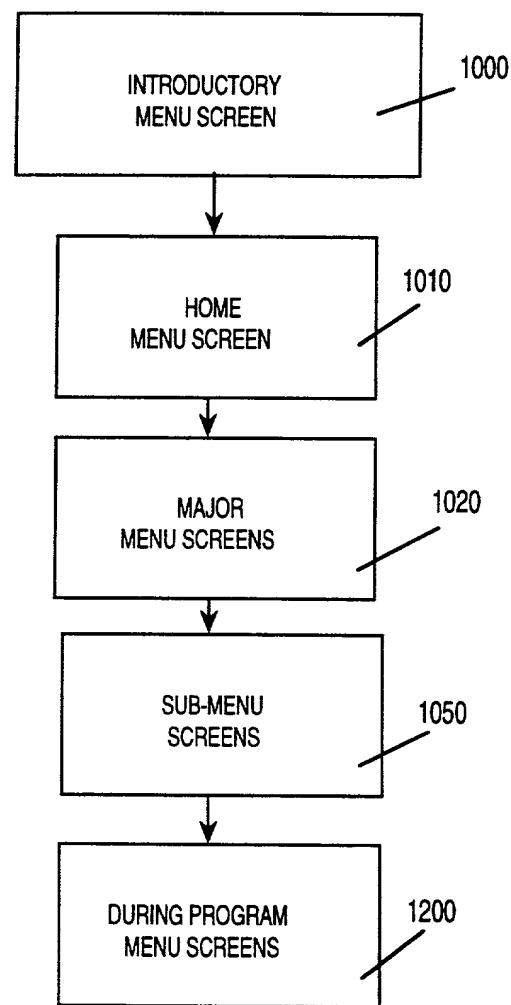


Fig. 13

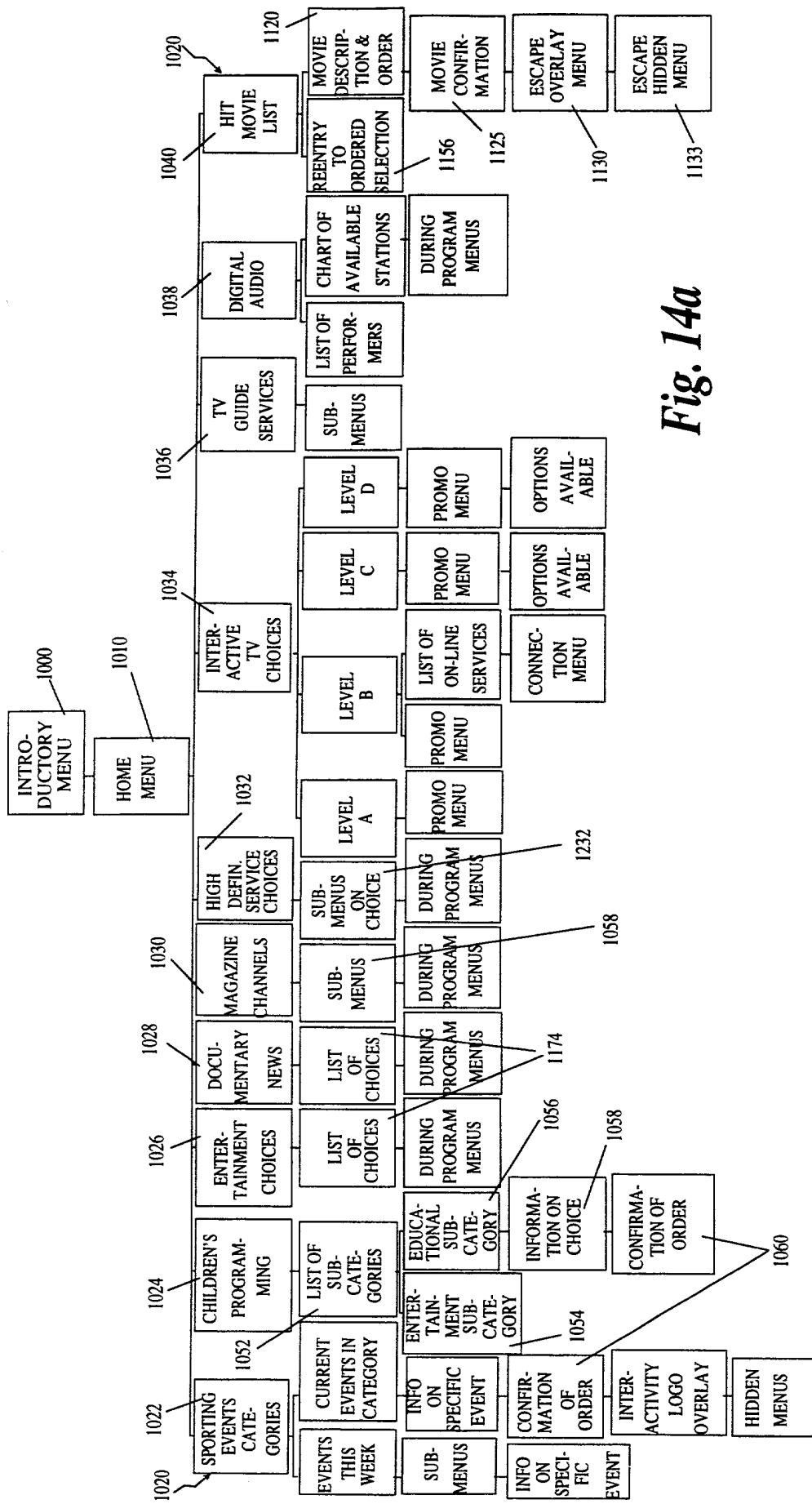


Fig. 14a

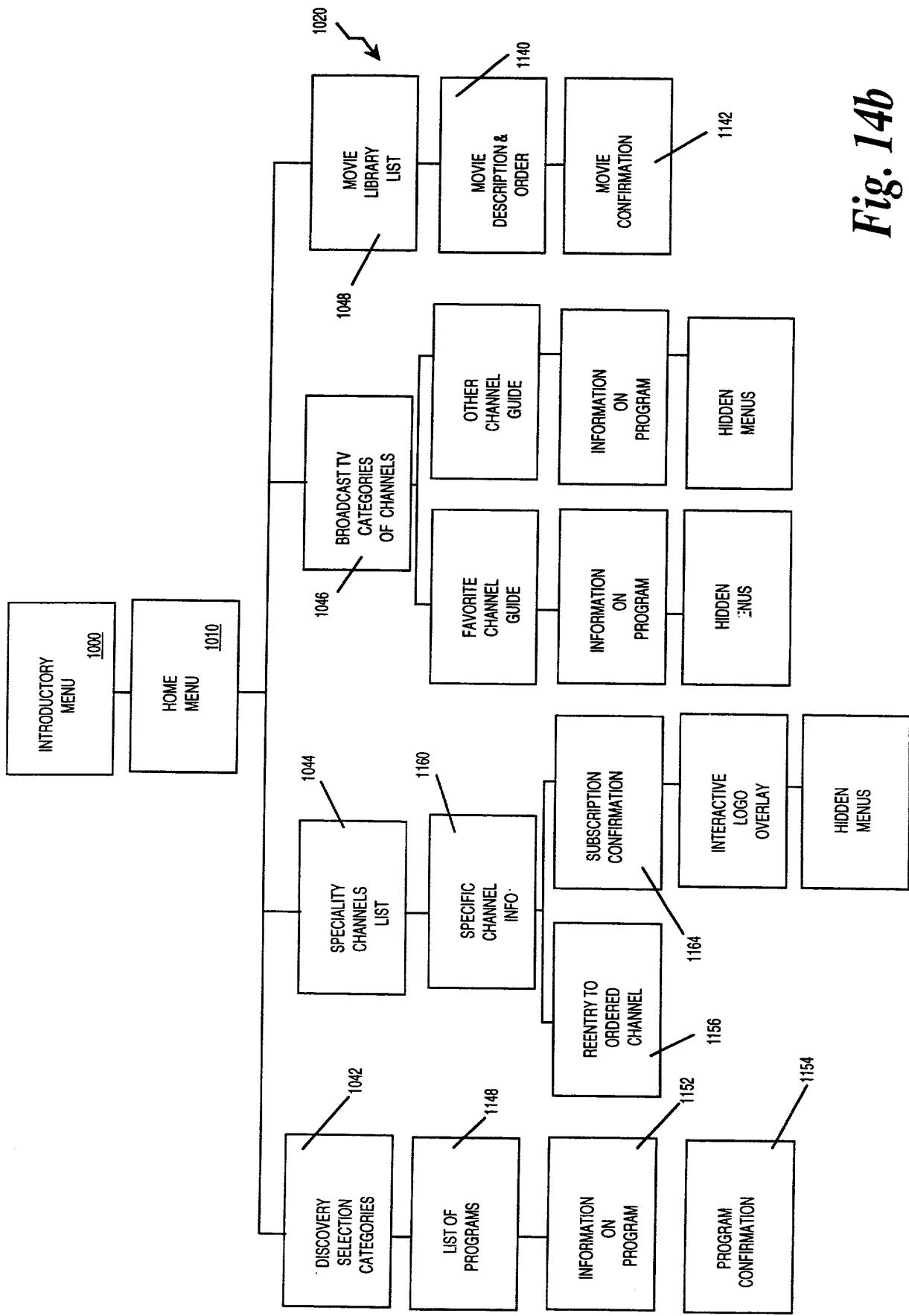
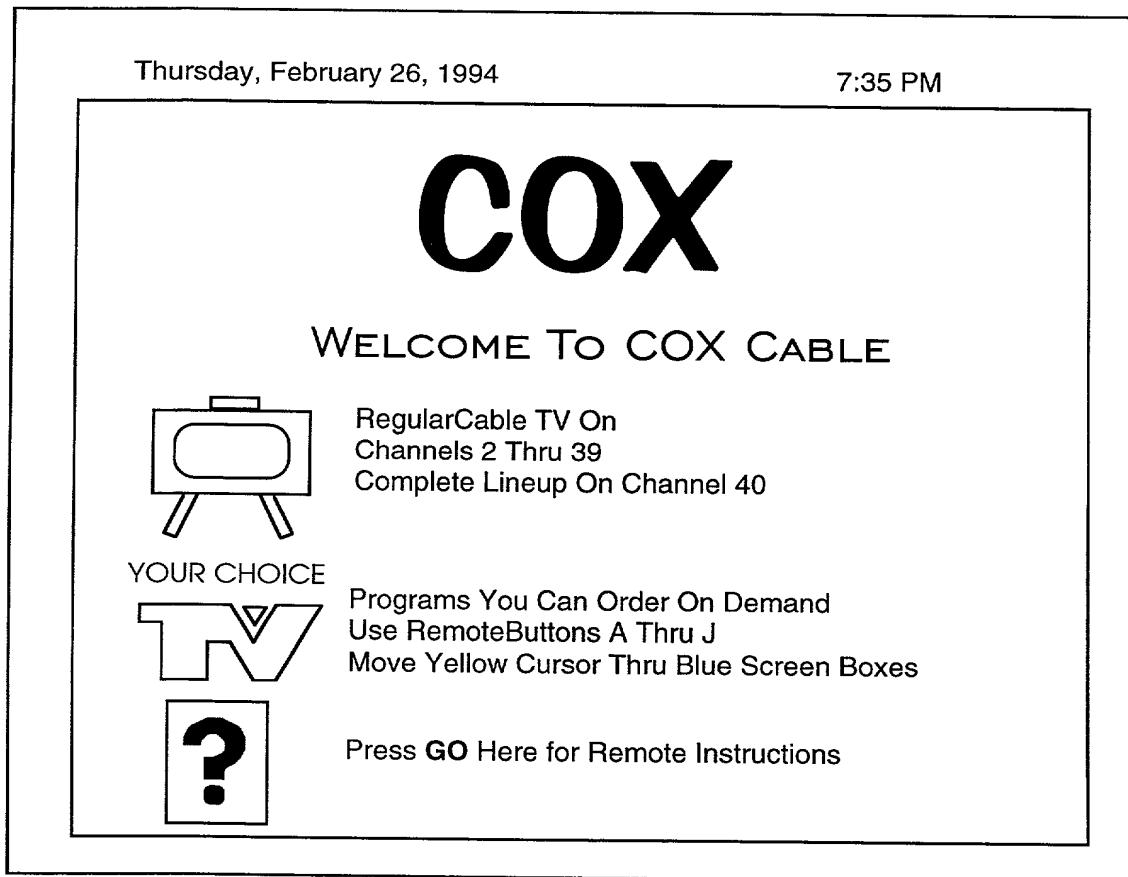


Fig. 14b

Fig. 15a



1000



Fig. 15b

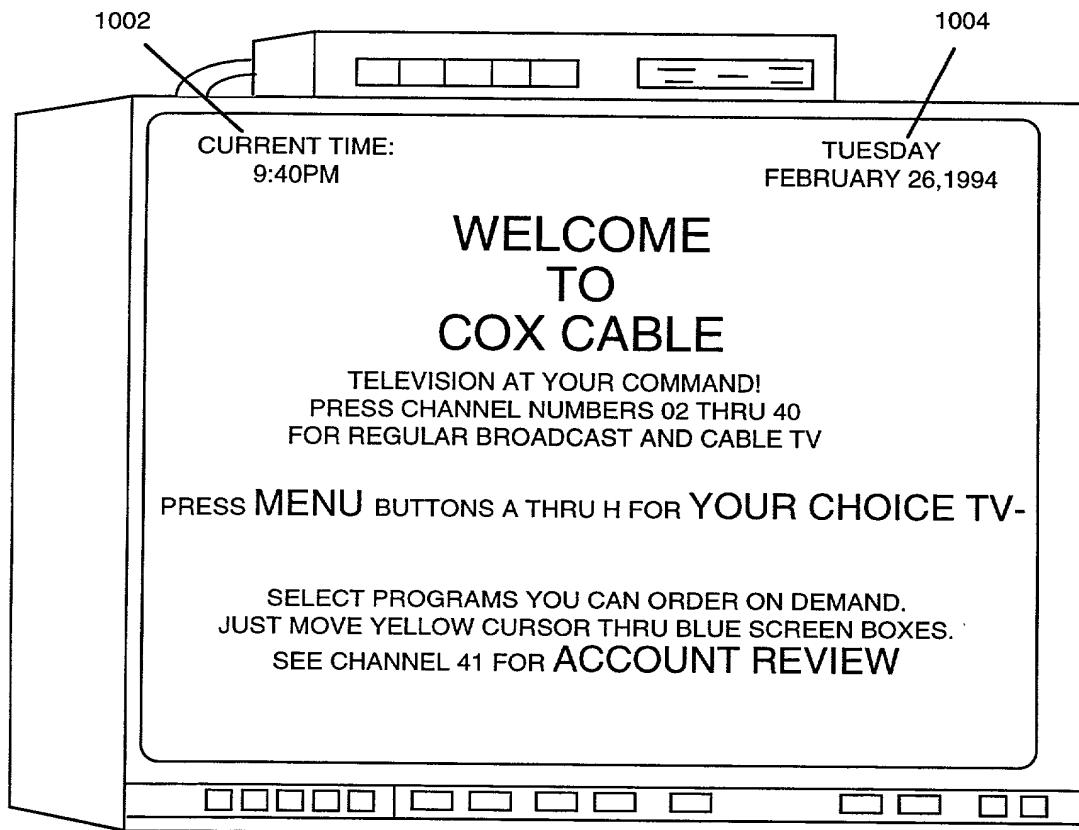


Fig. 16a

Thursday, October 26, 1994 7:57 PM

 **X*PRESS**

■ TV Guide Library Service
Press **GO** On Any Item for Show Schedules

NETWORK SCHEDULES next 7 days
TODAY'S SCHEDULES next 6 hours
TV GUIDE PICKS all networks next 7 days

Note: Press **GUIDE RECORD** button on any show listed and we will automatically set your VCR to tape it

YOUR CHOICE You haven't subscribed to TV Guide X*PRESS yet
 Press **GO** Here to ORDER for just \$2.95/month
Press **GO** Here to Return to Cable TV

1036

Fig. 16b

Thursday, October 26, 1994 7:59 PM

X*PRESS Press GO On Any Network for Schedule Info

TV Guide

NETWORK SCHEDULES

Next 7 Days

2	WMAR/NBC	13	WJZ/ABC	27	LEARNING
3	LOCAL WEATHER	14	HEADLINE	28	DISNEY
4	WRC/NBC	15	C-SPAN	29	HBO
5	WTG/FOX	16	C-SPAN II	30	CINEMAX
6	CNN	17	WWOR	31	SHOWTIME
7	WJLA/ABC	18	ESPN	32	LOCAL GOVT.
8	DISCOVERY	19	NICKELODEON	33	A & E
9	WUSA/CBS	20	WDCA/IND	34	HITS
10	TNT	21	FAMILY	35	WERU/IND.
11	WBAL/CBS	22	WMPT/PBS	36	WTBS
12	USA	23	LIFETIME	37	NASHVILLE
		24	INTERFAITH	38	VH-1
		25	BET	39	MTV
		26	WETA/PBS		

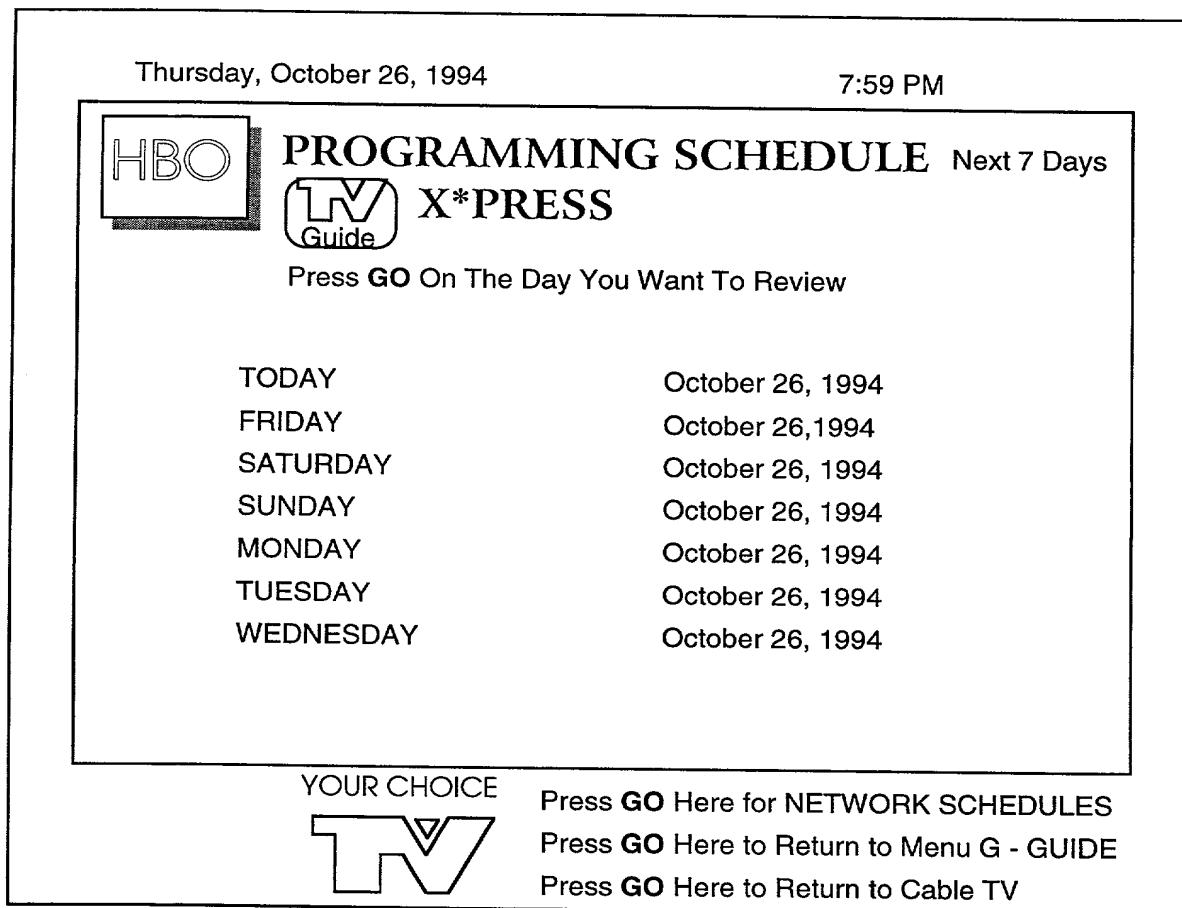
YOUR CHOICE

TV

Press GO Here to Return to Menu G
Press GO Here to Return to Cable TV

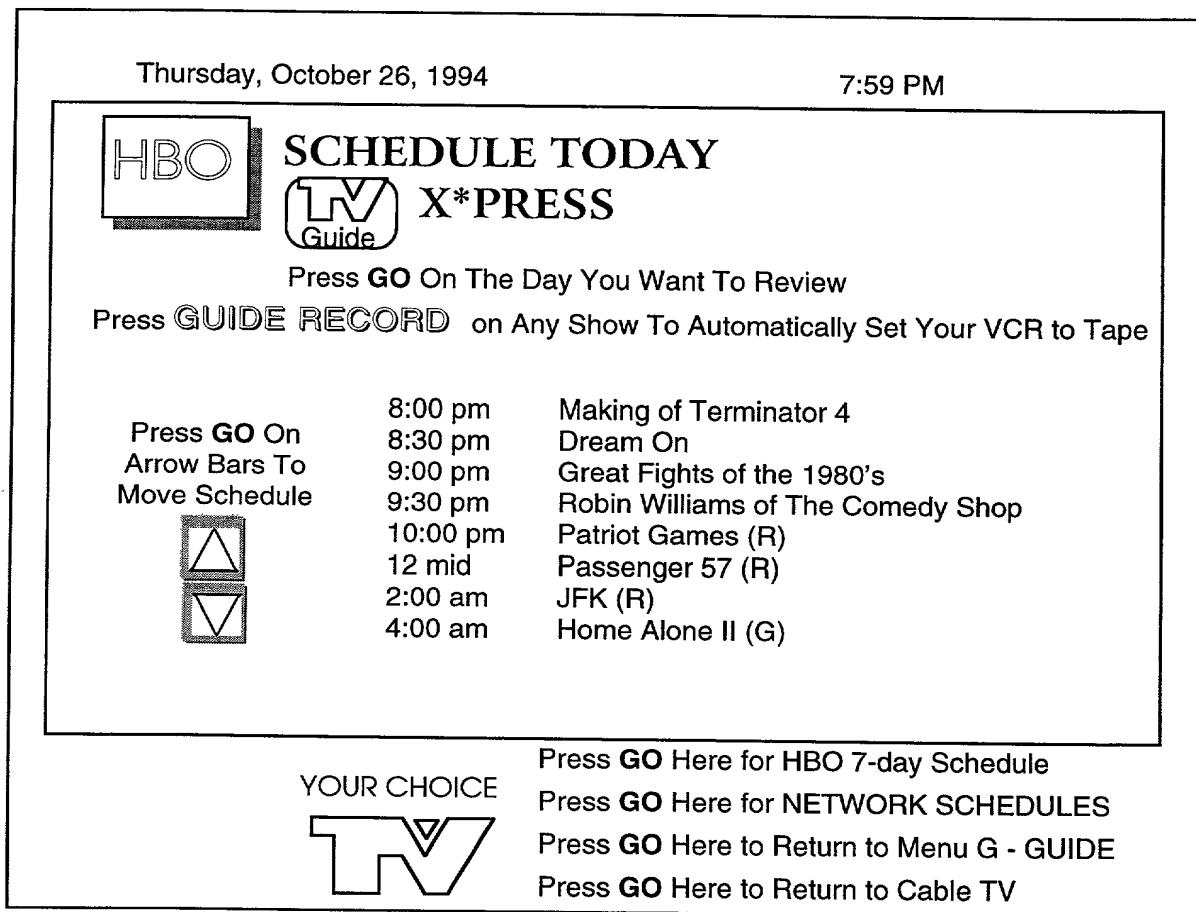
1236

Fig. 16c



1238

Fig. 16d



1242

Fig. 16e

Thursday, October 26, 1994 7:59 PM

HBO **SCHEDULE TODAY** **X*PRESS** [show description](#)

TV Guide

Press **GO** On The Day You Want To Review

Press **GUIDE RECORD** on Any Show To Automatically Set Your VCR to Tape

GREAT FIGHTS OF THE 1980's
9:00 pm 10/26/94 on HBO

This 30 minute special takes a look at the great boxing duels of the 1980's. Compiled from HBO's sports library and features Sugar Ray Leonard, the Spinks brothers, Mike Tyson, Boom Boom Mancini and many others. Includes the 10 greatest knockout punches landed in the 80's.

YOUR CHOICE

TV

Press **GO** Here to Return to Schedule
Press **GO** Here to Return to Cable TV

1244

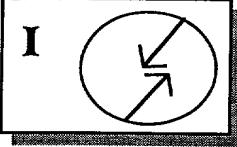
Fig. 17a

Thursday, October 26, 1994 8:00 PM

INTERACTIVE SERVICES
LEVEL A

There are three levels of interactivity possible with your cable television digital converter.

Level a is live interactivity with specially encoded cable and broadcast programs. . . available whenever you see this symbol. . .



This service offers enlightening information about programs, fun quizzes for the family, geographical facts, contests, and much more!

YOUR CHOICE

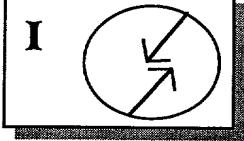
TV

Press **GO** Here to order Level A interactivity for just \$4.95 per month and enjoy interactivity immediately
Press **GO** Here for More Information
Press **GO** Here to Return to Cable TV

Fig. 17b

Thursday, October 26, 1994 8:00 PM

**INTERACTIVE SERVICES
LEVEL B**



This level of interactivity allows you to access a wide range of services including:

PRODIGY	ENCYCLOPEDIA
AMERICA ON LINE	ATLAS
X*PRESS	SHOPPING CENTER
AIRLINE RESERVATIONS	ASSOCIATED PRESS
HOTEL RESERVATIONS	U.S. YELLOW PAGES

To take advantage of these services, an **INTERACTIVE MODEM** is required. This is available from your cable system. For installation and price information, contact your cable system today.

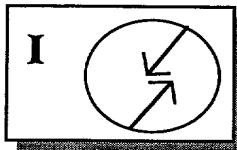
YOUR CHOICE

TV Press **GO** Here for More Information
Press **GO** Here to Return to Cable TV

Fig. 17c

Thursday, October 26, 1994

8:00 PM



INTERACTIVE SERVICES LEVEL C

Your digital converter can be connected to specially adapted CD-I and CD-ROM units that offer an enormous range of multi-media experiences for you and your family. Your cable system representative can describe all the details.

A free brochure is available

Please call today for details.

YOUR CHOICE

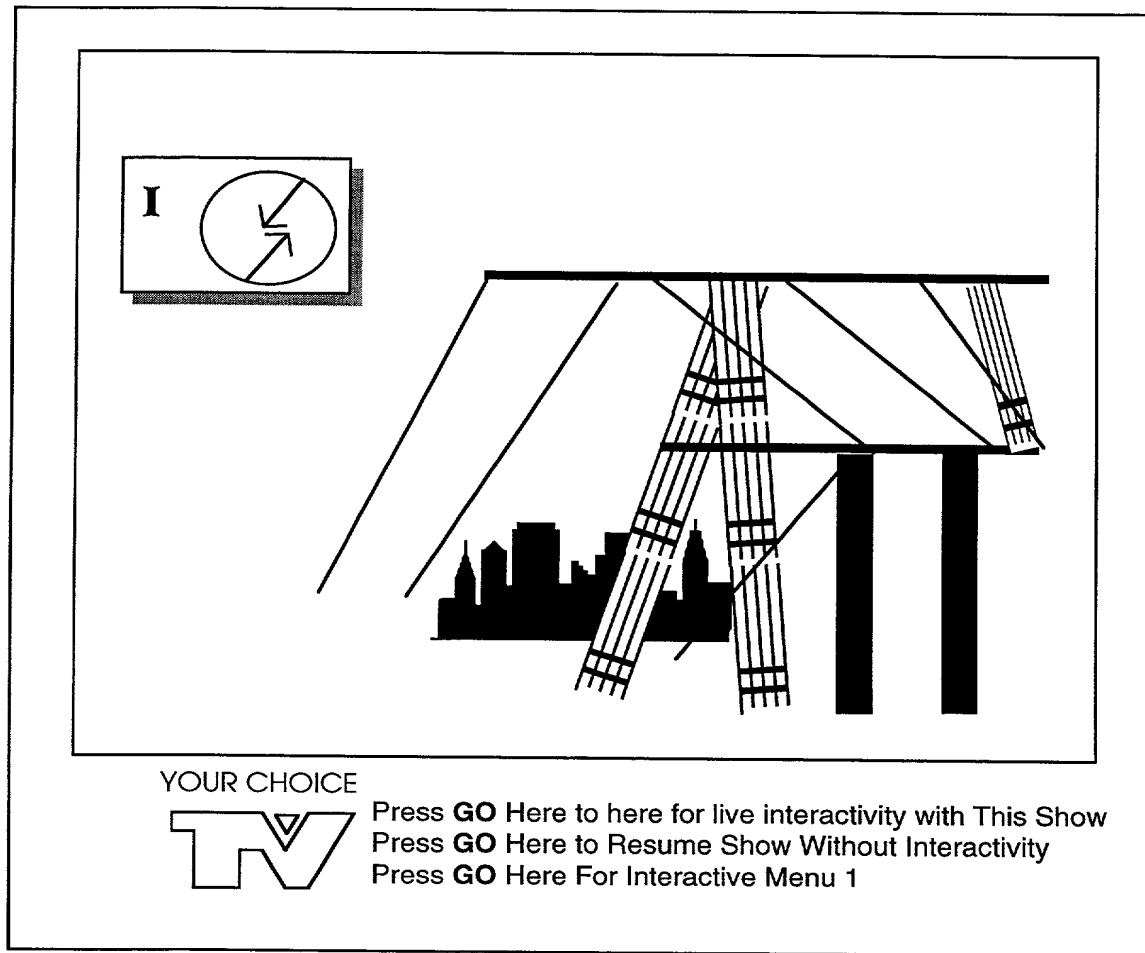


Press **GO** Here to order Level A interactivity for just \$4.95 per month and enjoy interactivity immediately

Press **GO** Here to Return to Cable TV

1308

Fig. 17d



1310

Fig. 17e

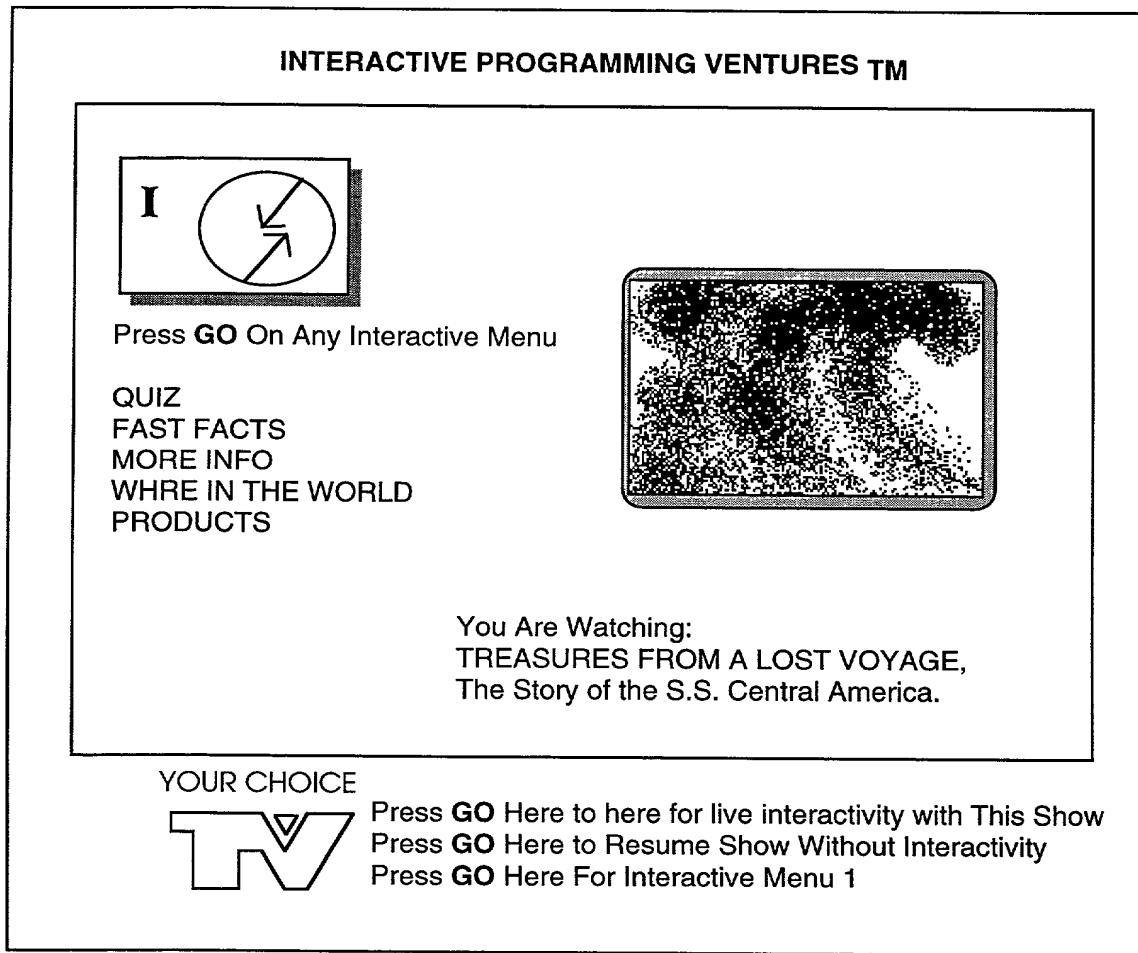
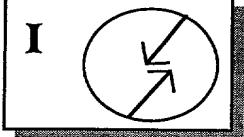


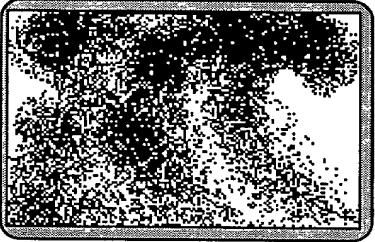
Fig. 17f

INTERACTIVE PROGRAMMING VENTURES TM



Press **GO** On Any Interactive Menu

QUIZ
FAST FACTS
MORE INFO
WHERE IN THE WORLD
PRODUCTS



FAST FACTS

In September 1857, the S.S. Central America, a sidewheel paddle steamer, sank approximately 160 miles off the coast of the Carolinas. In addition to carrying 578 passengers, the ship was carrying more than \$1 million worth of gold --now worth about \$500 million. Now more than 100 years later, two high school buddies put together a scientific team that located the ship and recovered the cargo. END

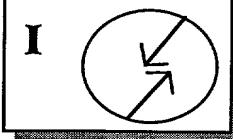
YOUR CHOICE



Press **GO** Here to Resume Show Without Interactivity
Press **GO** Here For Interactive Menu 1

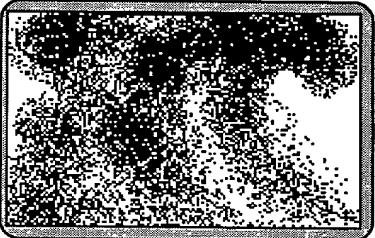
Fig. 17g

INTERACTIVE PROGRAMMING VENTURES TM

I 

Press **GO** On Any Interactive Menu

QUIZ
FAST FACTS
MORE INFO 
WHERE IN THE WORLD
PRODUCTS



The incoming water produced a deadly domino effect. The boiler fires went out, and the engines stopped. Since the coal was wet, the engines could not be restarted. While the ship had bilge pumps to get rid of the water, the bilge pumps needed the engines for power. Since no power was available, the pumps could not prevent the ship from flooding.

YOUR CHOICE

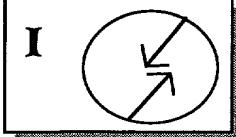
TV 

Press **GO** Here to Resume Show Without Interactivity
Press **GO** Here For Interactive Menu 1

1316

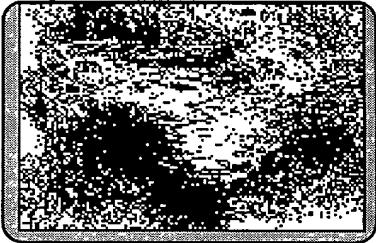
Fig. 17h

INTERACTIVE PROGRAMMING VENTURES TM

I 

Press GO On Any Interactive Menu

QUIZ
FAST FACTS
MORE INFO 
WHRE IN THE WORLD
PRODUCTS



Press GO On Your Answer

Question 1 of 48:
What is the minimum wind speed
required for a storm to be classified
as a HURRICANE?

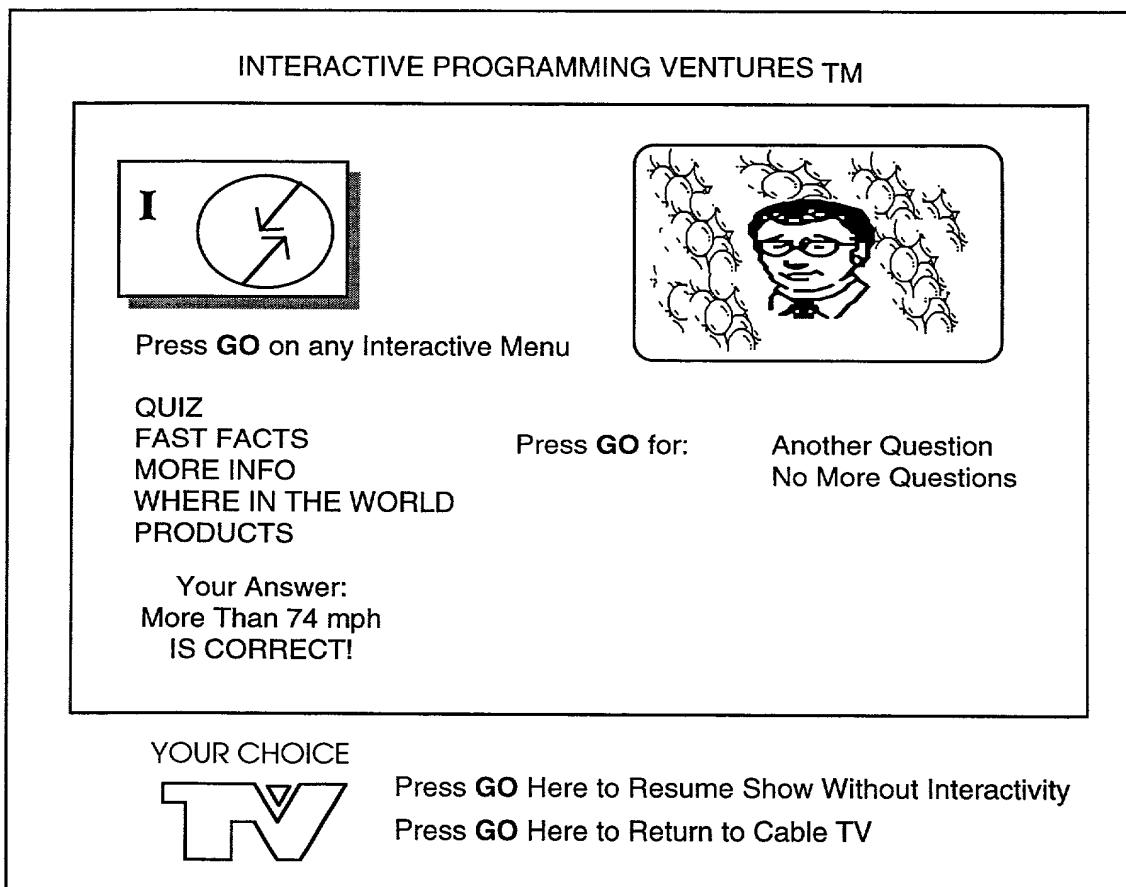
More than 40 mph
More than 45 mph
More than 74 mph
More than 85 mph
More than 100 mph

YOUR CHOICE



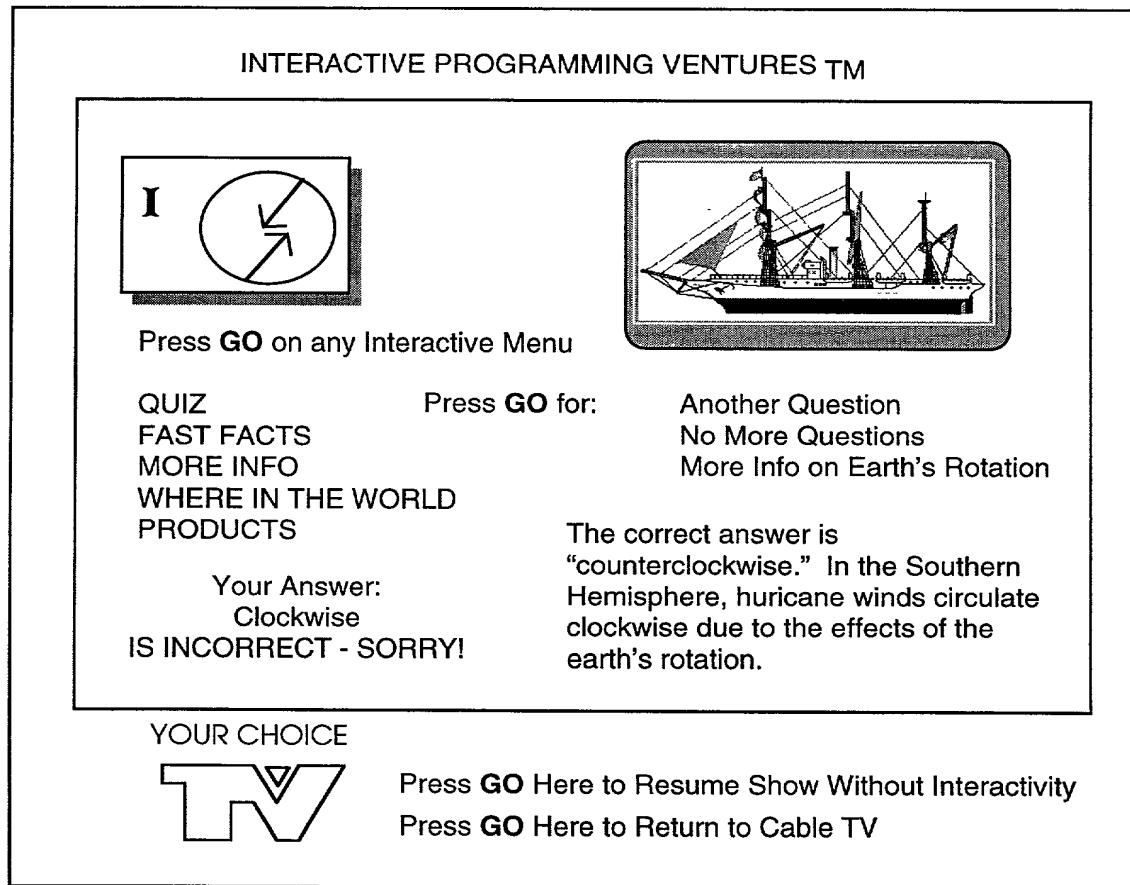
Press GO Here to Resume Show Without Interactivity
Press GO Here For Interactive Menu 1

Fig. 17i



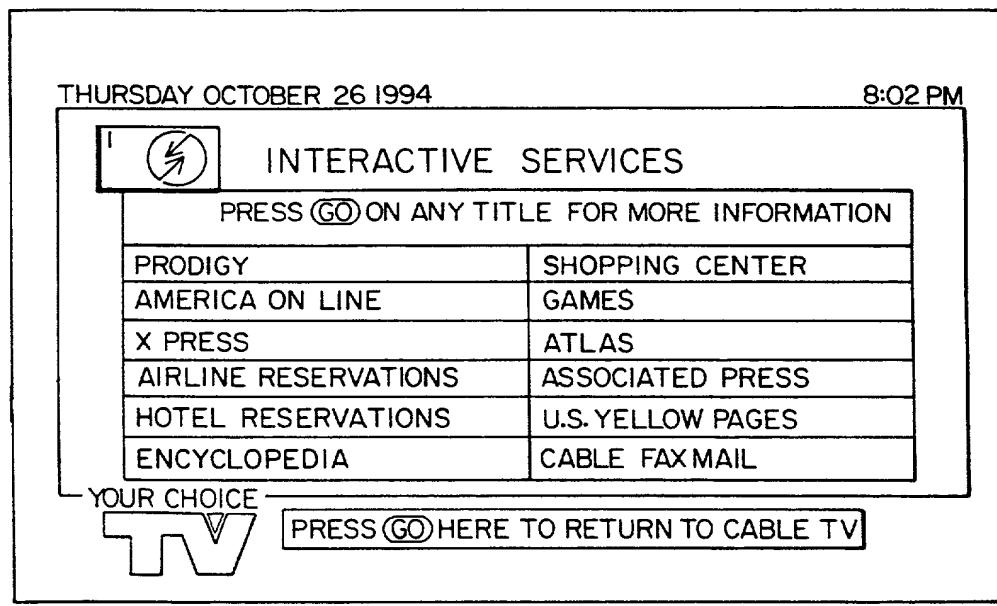
1320

Fig. 17j



1324

Fig. 18a



1330

Fig. 18b

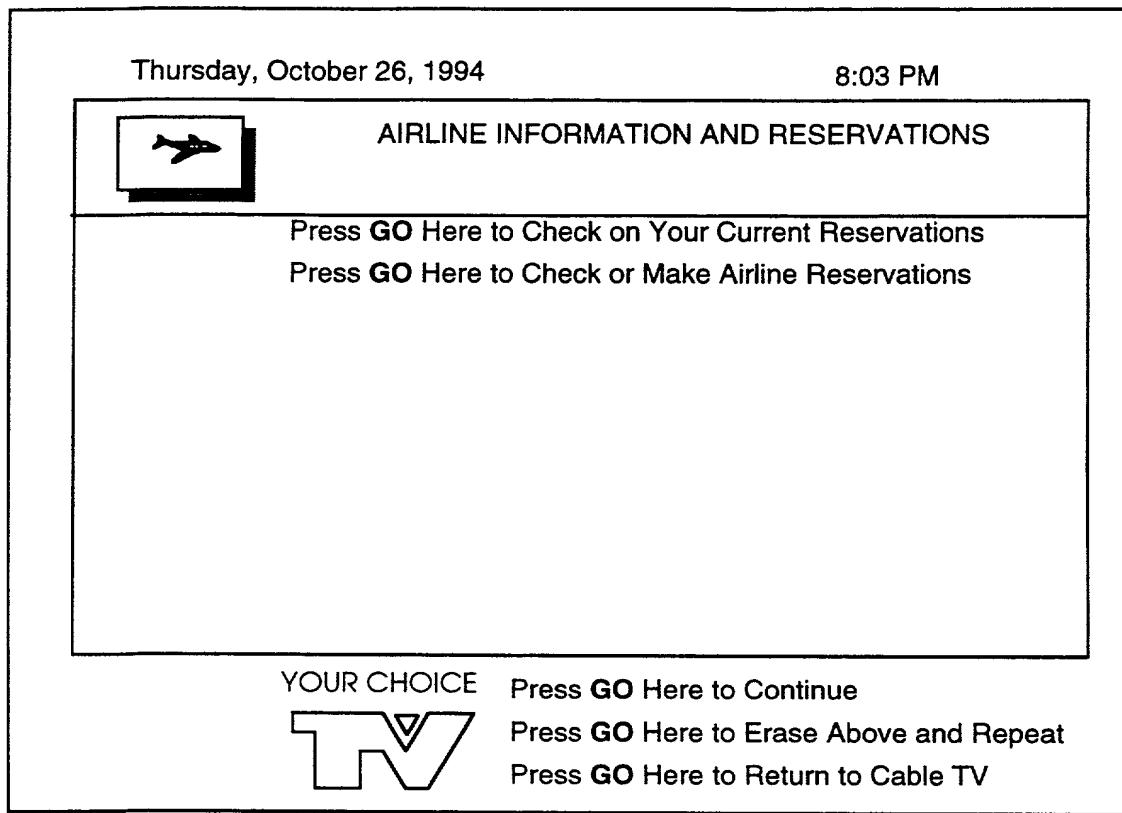
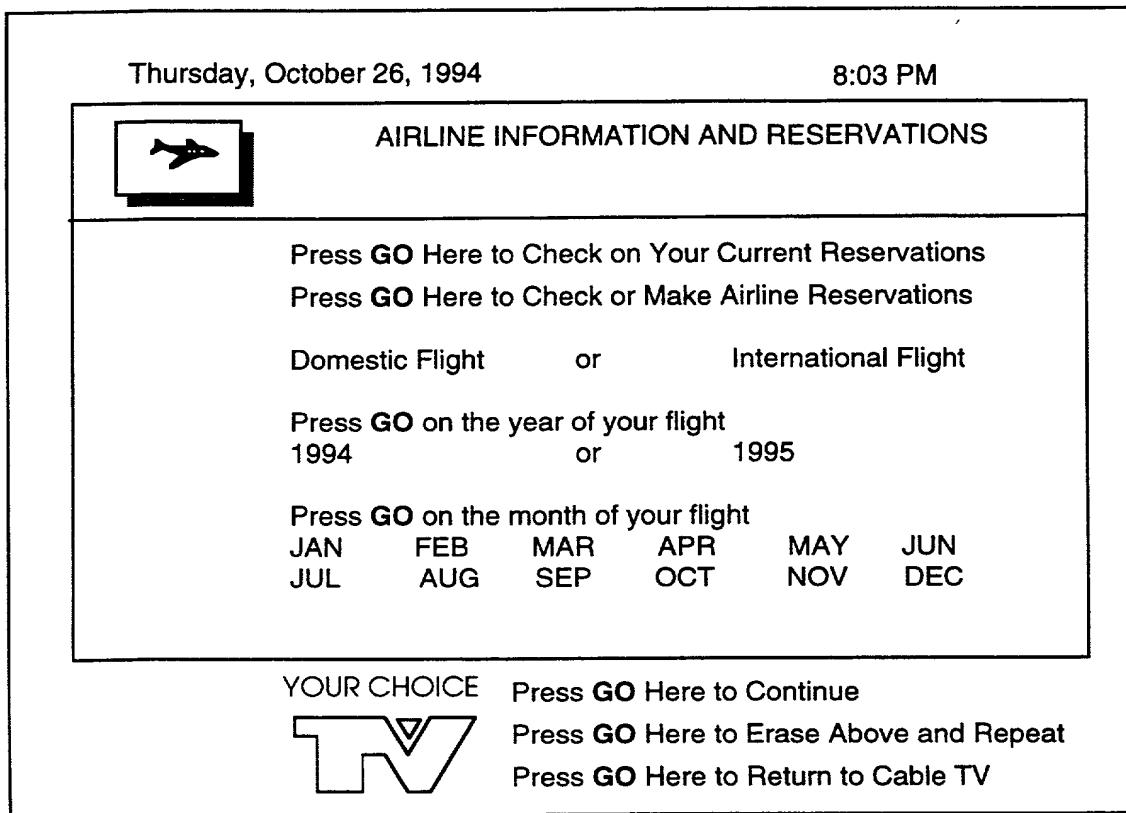
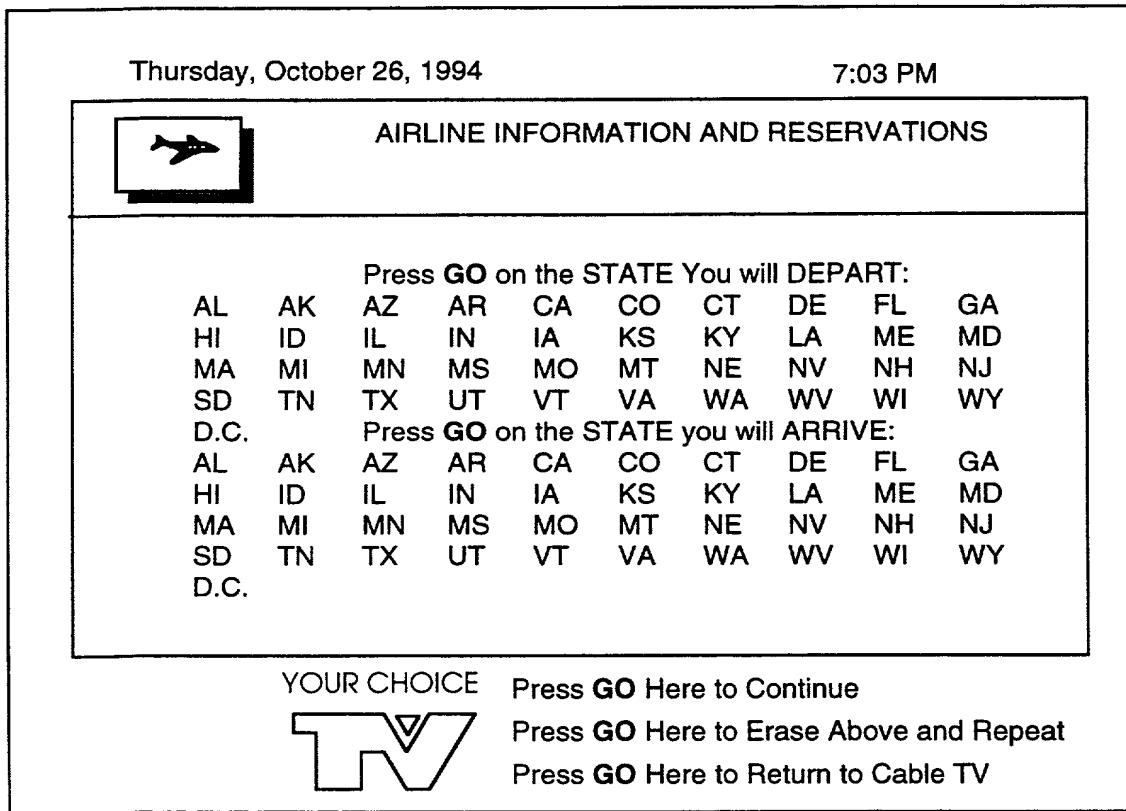


Fig. 18c



↗
1334

Fig. 18d



1336

Fig. 18e

Thursday, October 26, 1994 8:04 PM

 AIRLINE INFORMATION AND RESERVATIONS (Continued)

Press **GO** on the ARIZONA airport you will DEPART:

PHOENIX	FLAGSTAFF	TUCSON
PREScott	YUMA	Minor Airport List

Press **GO** on the DC airport you will ARRIVE:

NATIONAL	DULLES	BWI
Check Flights to all Three D.C. Airports		

Press **GO** on your preferred departure time:

Morning	Mid-day	Late aft.	eve/night	anytime
---------	---------	-----------	-----------	---------

Press **GO** on your preferred arrival time:

Morning	Mid-day	Late aft.	eve/night	anytime
---------	---------	-----------	-----------	---------

YOUR CHOICE 

Press **GO** Here to Continue
Press **GO** Here to Erase Above and Repeat
Press **GO** Here to Return to Cable TV



Fig. 18f

Thursday, October 26, 1994

8:04 PM



**AIRLINE INFORMATION
AND RESERVATIONS (Continued)**

Here are your airline flight options for a morning departure from Phoenix to Dulles.

Press **GO** on Any Flight to Check Availability and Fare

Depart Time	Arrive Time	Airline	Flight No.	Stops	Connecting Through
6:15 AM	1:30 PM	AMERICAN	32	0	
7:30 AM	2:45 PM	AMERICAN	212	0	
8:00 AM	3:07 PM	DELTA	49	0	
10:30 AM	7:15 PM	US AIR	285	1	Chicago
11:25 AM	6:10 PM	UNITED	10	0	
11:45 AM	8:40 PM	UNITED	77	1	Dallas

YOUR CHOICE

Press **GO** Here to Return to Airline Main Menu



Press **GO** Here to Return to Menu 1

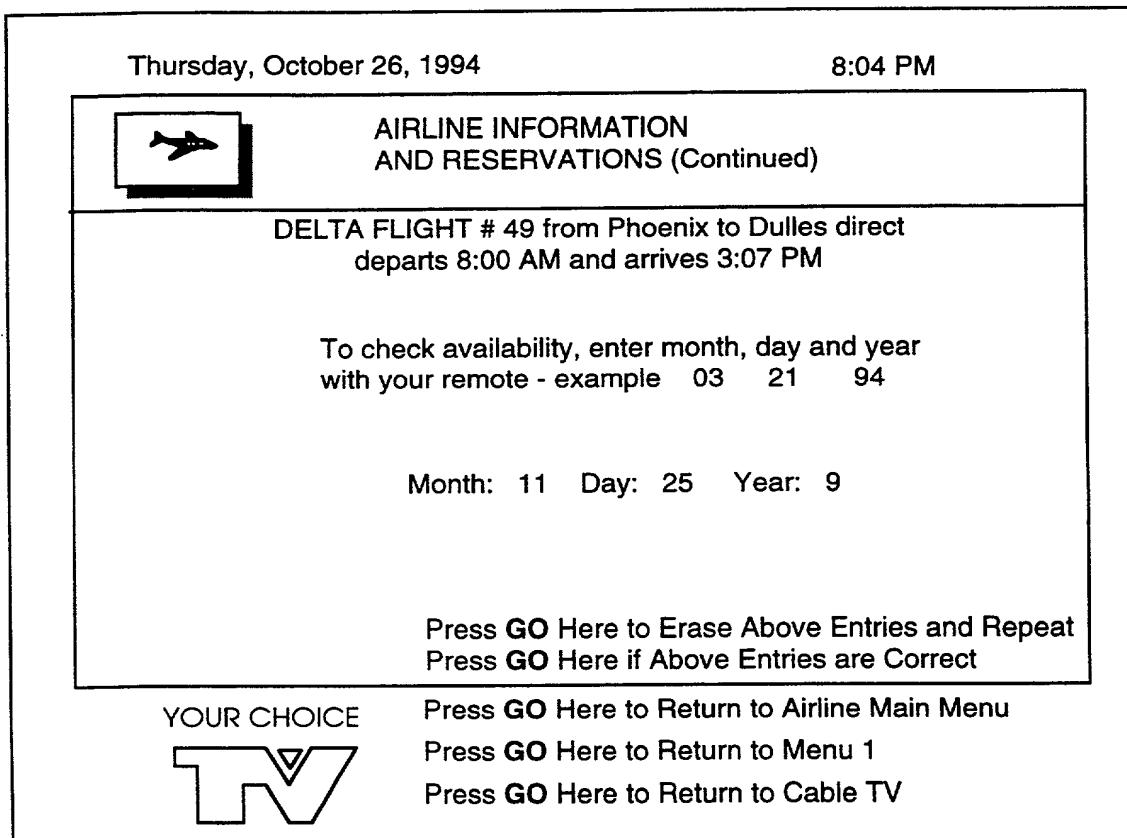
Press GO Here to Return to Cable TV

Please go here to return to Table 1.

1340



Fig. 18g



1342

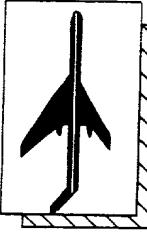
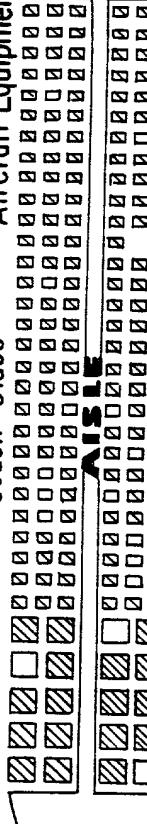
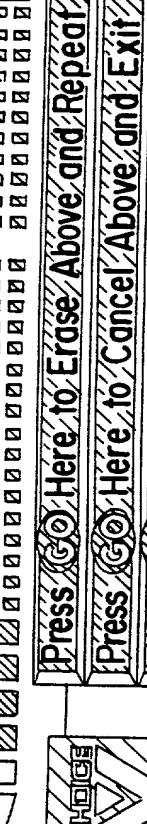
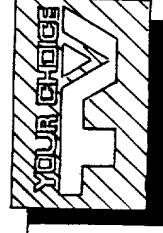
Thursday, October 26, 1994	8:05PM
AIRLINE INFORMATION AND RESERVATIONS (continued)	
	
1344	
DETA FLIGHT #49 from Phoenix to Dulles direct departs 8:00 AM and arrives 3:07 PM	
SEATS AVAILABLE ARE SHOWN IN BLUE	
3 First Class Seats Remaining 15 Coach Class Seats Remaining	
Press GO on Any Blue Seat(s) to Make Reservations	
First Class	Coach Class
	Aircraft Equipment 737
	
Press GO Here to Erase Above and Repeat	
Press GO Here to Cancel Above and Exit	
Press GO Here to Continue	
	

Fig. 18h

Fig. 18i

Thursday, October 26, 1994 8:06 PM

 AIRLINE INFORMATION
AND RESERVATIONS (Continued)

You have selected SEATS: 23A, 23B
DELTA FLIGHT #49 from Phoenix to Wash.Dulles

Date: 11/25/94 Departs 8:00 AM and arrives 3:07PM

One Way Fare: \$295.00 23A Round Trip Fare: \$419.00 23A
\$295.00 23B Round Trip Fare: \$419.00 23B
Total: \$590.00 Total: \$838.00

Press GO Here to Select ONE WAY or ROUND TRIP
TO CONFIRM YOUR RESERVATION:

YOUR CHOICE


Press GO Here to Charge to Your Credit Card
Press GO Here and an Agent Will Call You
Press GO Here to Exit Without Reservation



Thursday, October 26, 1994 8:06 PM

1348

**AIRLINE INFORMATION
AND RESERVATIONS**(continued)

CREDIT CARD CHARGE

Amount: \$ 590.00 Delta Flight # 49
 One Way: Phoenix to Dulles Date: 11/25/94
 Departs: 8:00 AM Arrives: 3:07 PM Dinner

Master Charge

Discover

Visa

American Express

Enter Your Credit Card Number:
 2 1 7 7 3 5 4 8 9 9 7 1

Enter Expiration Date (example 10/97):
 Month: 10 Year: 97

Press **GO** Here to Erase Above and Repeat

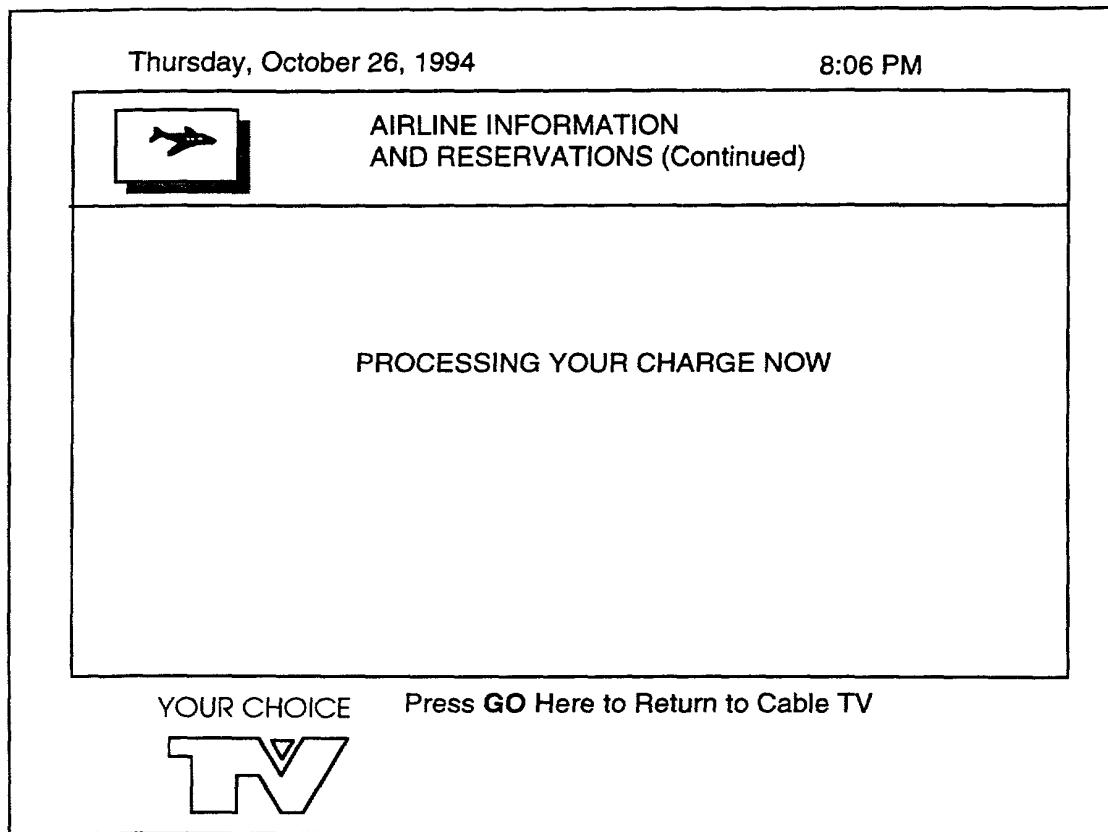
Press **GO** Here to Cancel Above and Exit

Press **GO** Here to Confirm Above Charge

Young America

Fig. 18j

Fig. 18k



1350

Fig. 181

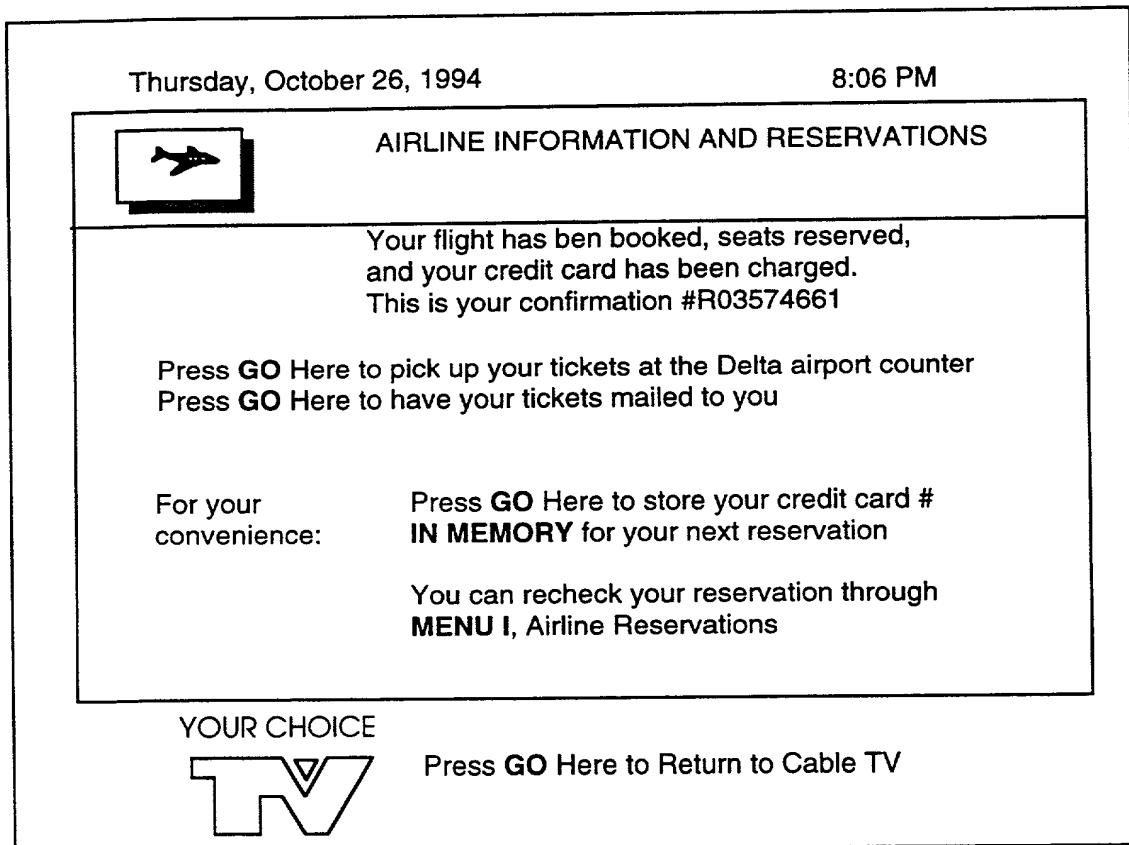
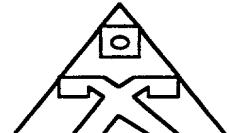


Fig. 19a

Thursday, October 26, 1994 8:08 PM

 **DMX Demonstration** 

Here are the menu options you'll enjoy:

Press **GO** On the station you want

Top 5	Hard Rock	Easy Listening	New Age	Country Top 40	Rhythm and Blues	Classical
Top 10	Heavy Metal	Instrumentals	Favorite Light Rock	New Country	Blues Legends	Classical Piano
Top 40	Rock Classics	Easy List. Favorites	Beatles Only	Country Classics	Soul	Classical Strings
Rock	Rap	Jazz	Rock Legends	Bluegrass	Soul Classics	Classical Guitar
'30s	'40s	'50s	'60s	'70s	'80s	'90s
Waltz	Latin	Disco	Polka	Reggae	Dance Fever	Teen Dance

You are listening to:
MAGGIE MAE by Rod Stewart

More Information on Current Artist/Song **Screen ON/OFF**
All this for just \$4.95 per month. Less than 1/2 the cost of one CD! ORDER NOW.

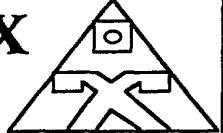
YOUR CHOICE 

Press **GO** Here to Order DMX
Press **GO** Here to Return to Cable TV

1038

Fig. 19b

Thursday, October 26, 1994 8:08 PM

 **MUSIC from DMX** 

Digital Music Express

When you order DMX you will instantly be able to access all the different stations through Menu 1. To enhance listening enjoyment, you might want to connect your stereo speakers to your TV set. If you listen to music in a different room or if you want to watch TV in one room while another family member listens to DMX in a separate room, a TUNER ATTACHMENT is available from your cable system. In any event, order DMX today for only \$4.95 per month and enjoy commercial-free digital radio instantly.

YOUR CHOICE 

Press **GO** Here for a Free Demo of DMX,
Digital Music Express

1400 

Fig. 19c

Thursday, October 26, 1994 8:08 PM

MUSIC from DMX
Digital Music Express

Imagine over 40 stations of music delivered to your home in stunning digital quality -- with no commercial interruptions. This is DMX (Digital Music Express) and it is available now through your cable system. Each station has its own format -- rock, classical, country, soul, rap, easy listening, jazz, new age, big band era, dance, and many others -- so there will always be something playing that you will enjoy.

YOUR CHOICE

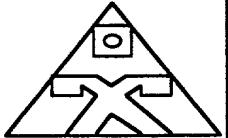
TV

Press GO Here for More Information
Press GO Here to Return to Cable TV

1404

Fig. 19d

Thursday, October 26, 1994 8:09 PM

 **DMX Demonstration** 

Here are the menu options you'll enjoy:

Press **GO** On the station you want

Top 5	Hard Rock	Easy Listening	New Age	Country Top 40	Rythm and Blues	Classical
Top 10	Heavy Metal	Instru-mamentals	Favorite Light Rock	New Country	Blues Legends	Classical Piano 
Top 40	Rock Classics	Easy List. Favorites	Beatles Only	Country Classics	Soul	Classical Strings
Rock	Rap	Jazz	Rock Legends	Bluegrass	Soul Classics	Classical Guitar
'30s	'40s	'50s	'60s	'70s	'80s	'90s
Waltz	Latin	Disco	Polka	Reggae	Dance Fever	Teen Dance

You are listening to:
PIANO CONCERTO by Rachmaninoff No. 3 op. 30 1909

More Information on Current Artist/Song
 All this for just \$4.95 per month. Less than 1/2 the cost of one CD!

Screen ON/OFF **ORDER NOW.**

YOUR CHOICE



Press **GO** Here to Order DMX
 Press **GO** Here to Return to Cable TV

Fig. 19e

Thursday, October 26, 1994 8:09 PM

DMX Demonstration

Here are the menu options you'll enjoy:

Press GO On the station you want

Top 5	Hard Rock	Easy Listening	New Age	Country Top 40	Rhythm and Blues	Classical
Top 10	Heavy Metal	Instrumentals	Favorite Light Rock	New Country	Blues Legends	Classical Piano
Top 40	Rock Classics	Easy List. Favorites	Beatles Only	Country Classics	Soul	Classical Strings
Rock	Rap	Jazz	Rock Legends	Bluegrass	Soul Classics	Classical Guitar
'30s	'40s	'50s	'60s	'70s	'80s	'90s
Waltz	Latin	Disco	Polka	Reggae	Dance Fever	Teen Dance

Seirgei Rachmaninoff was born in Onega, Russia on April 9, 1873. He was a pianist, composer and a conductor. Rachmaninoff composed the Third

More Information on Current Artist/Song Screen ON/OFF
 All this for just \$4.95 per month. Less than 1/2 the cost of one CD! ORDER NOW.

YOUR CHOICE

TV

Press GO Here to Order DMX
 Press GO Here to Return to Cable TV

1412

Fig. 20

Thursday, February 26, 1994

7:44 PM

Fig. 21

Thursday, February 26, 1994

7:45 PM

Fig. 22

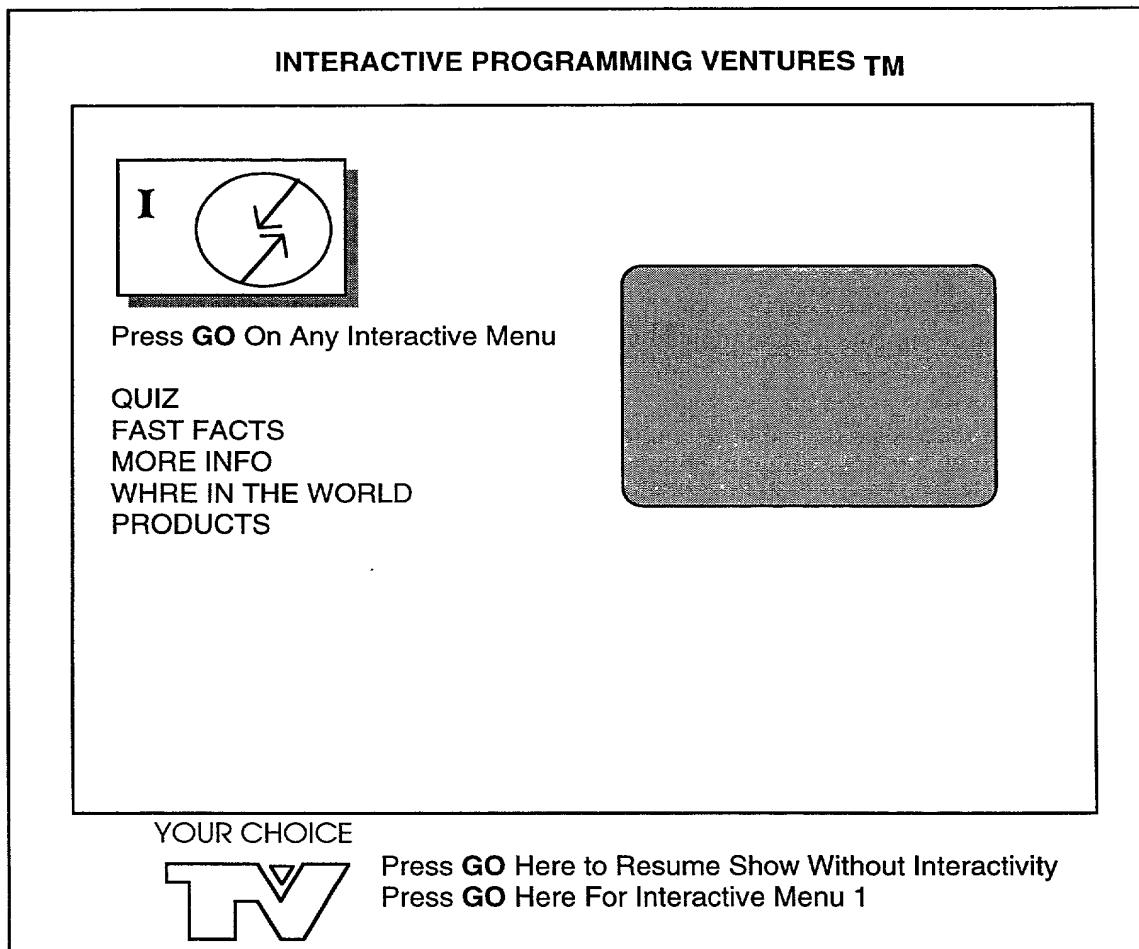


Fig. 23

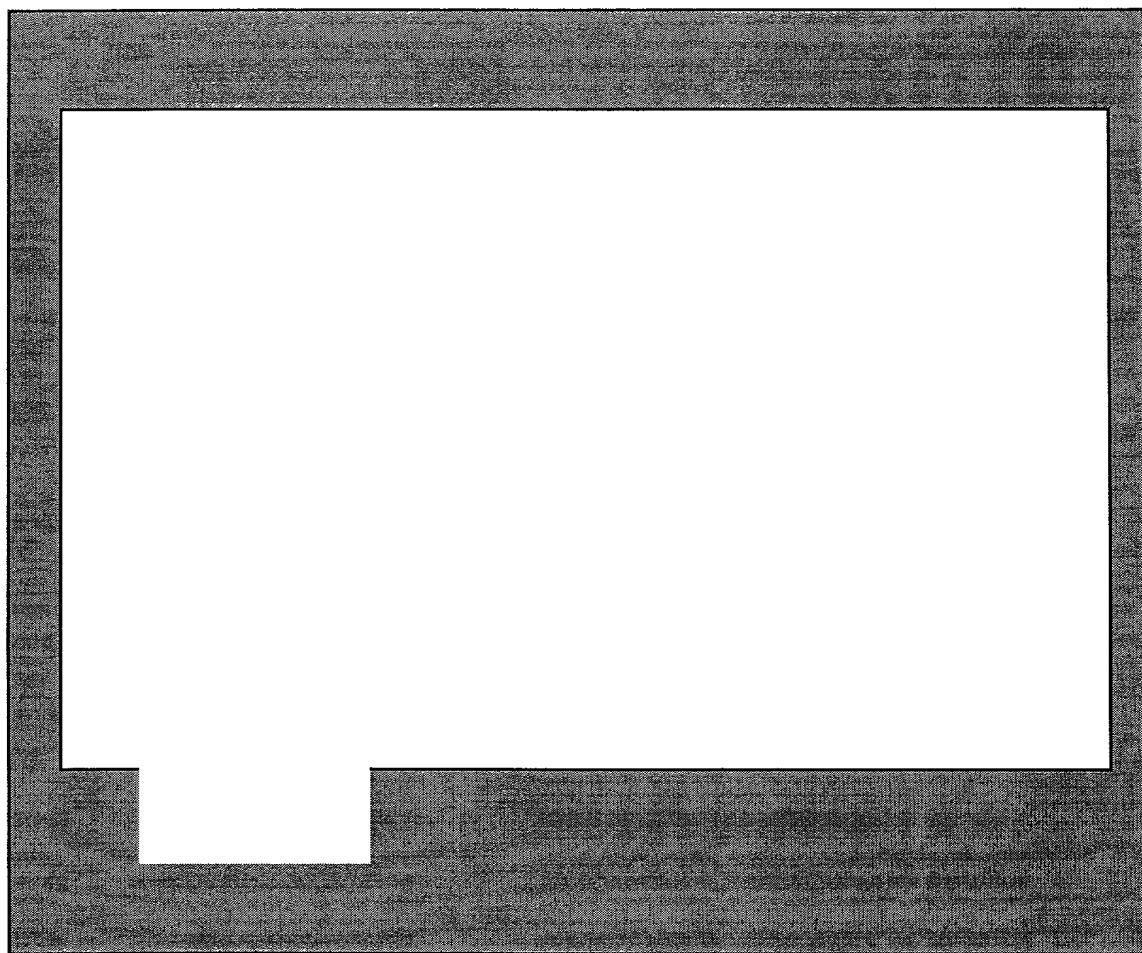


Fig. 24

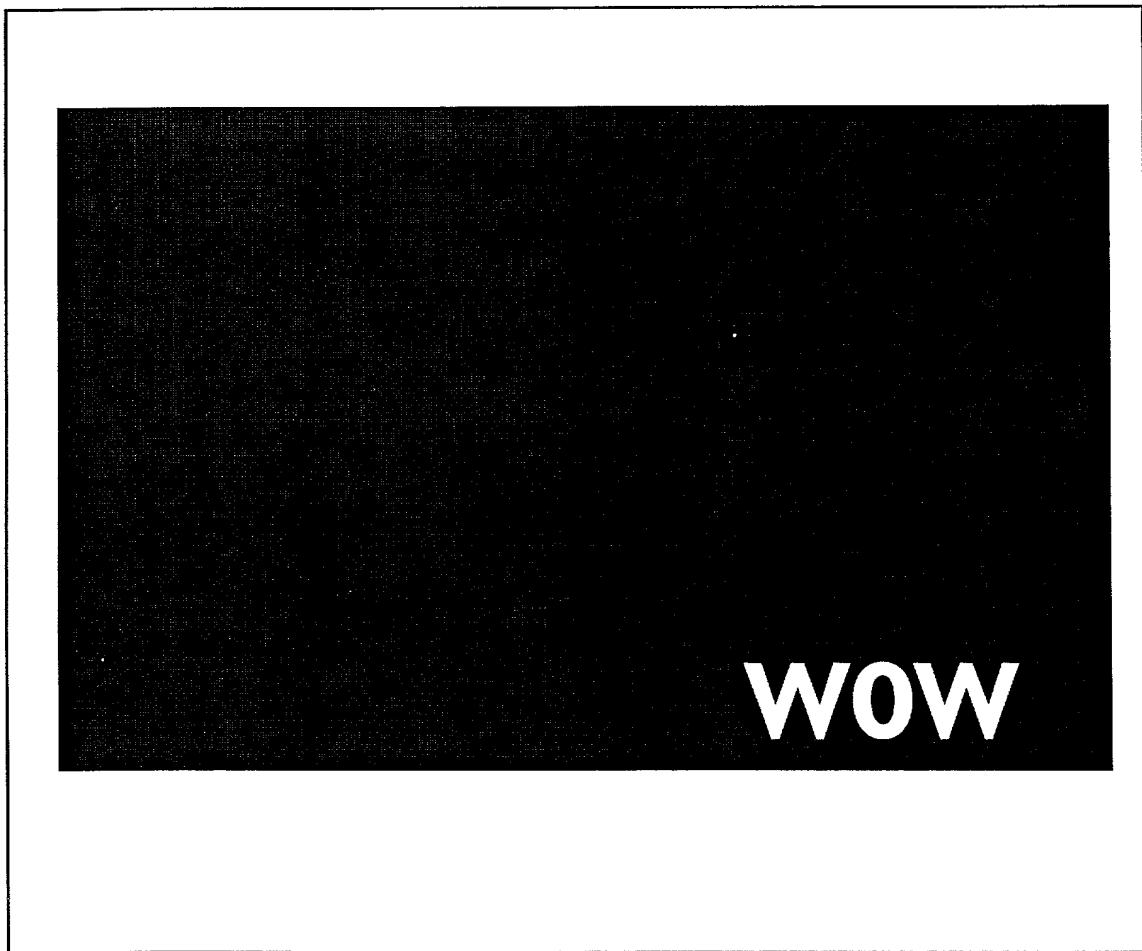


Fig. 25

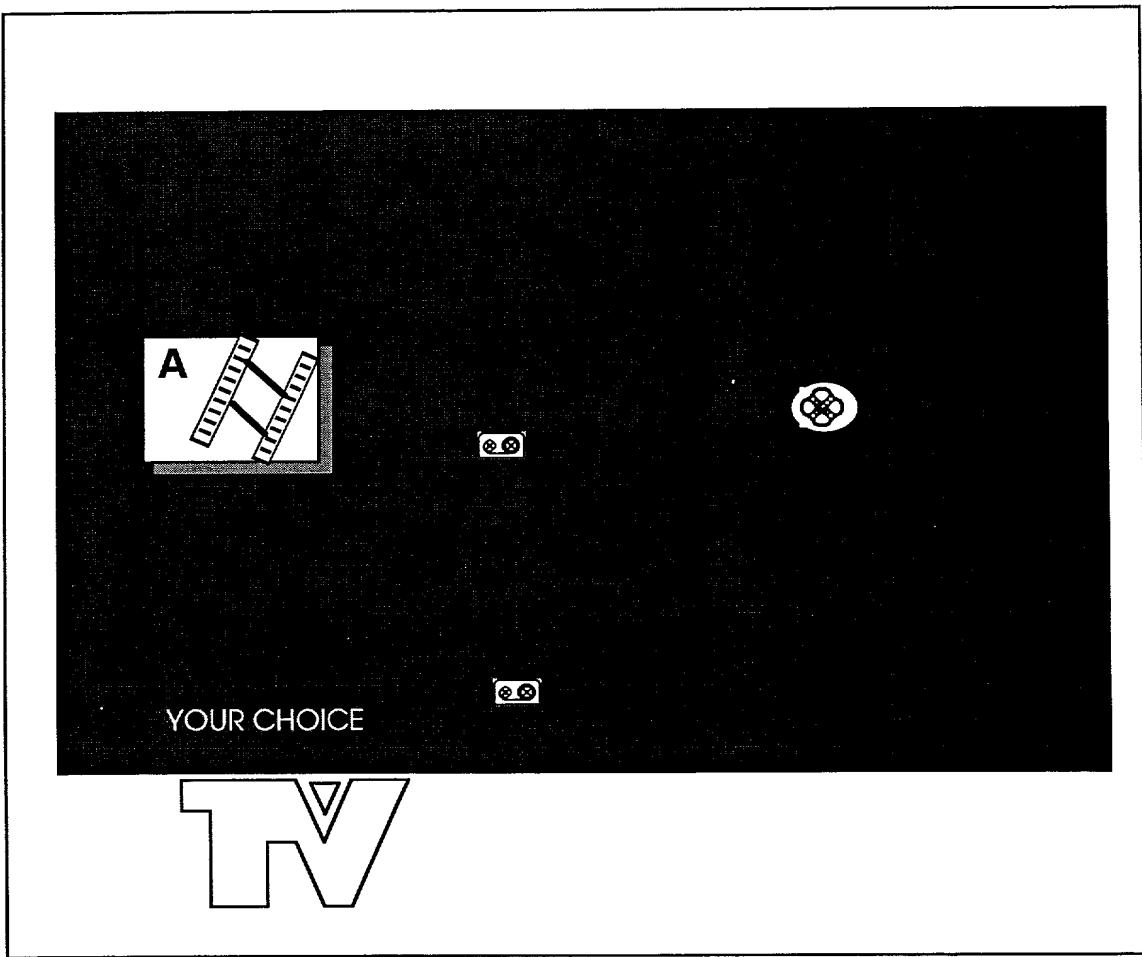


Fig. 26

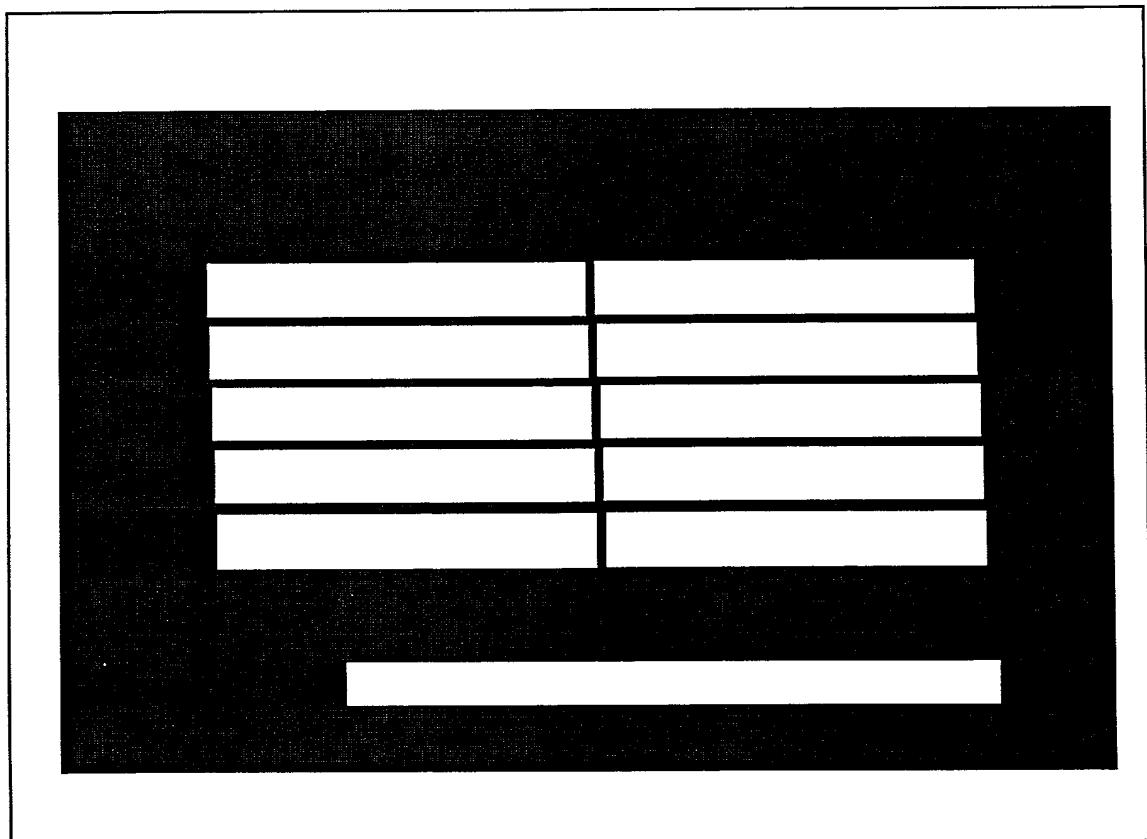


Fig. 27

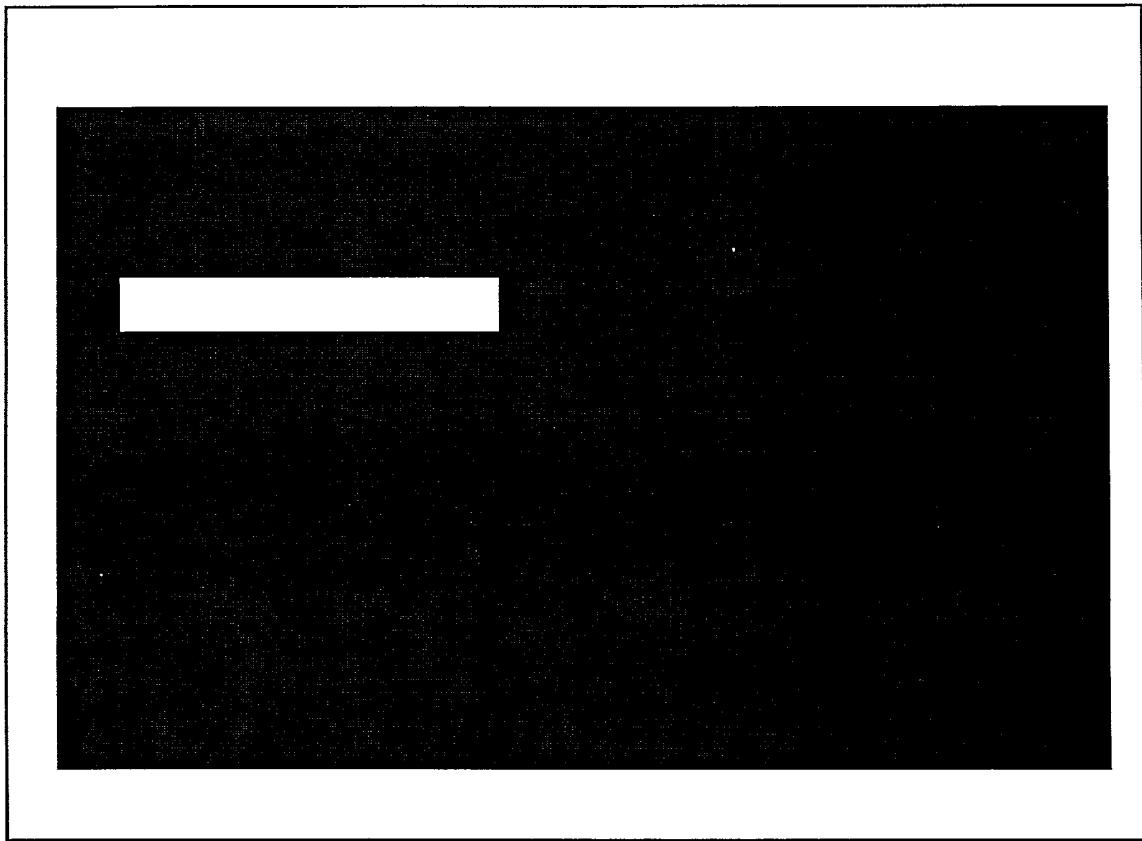


Fig. 28

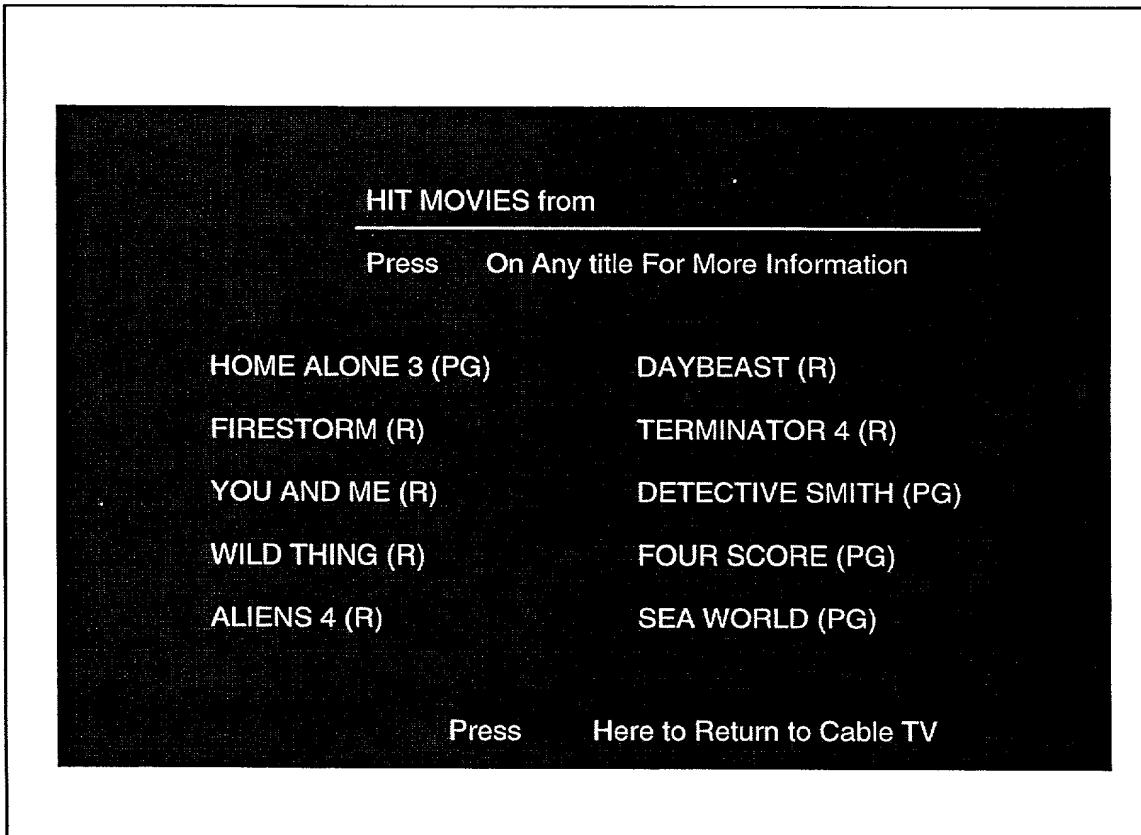
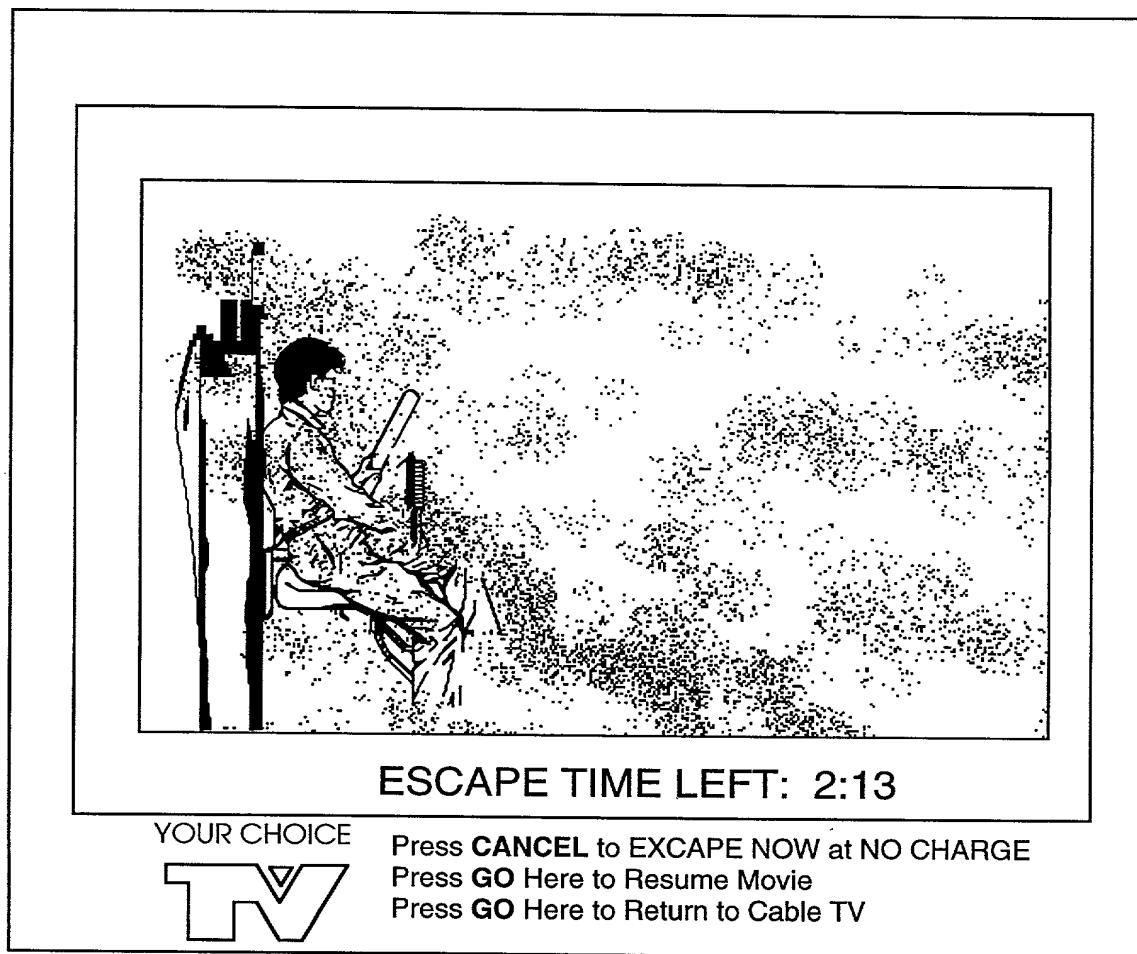
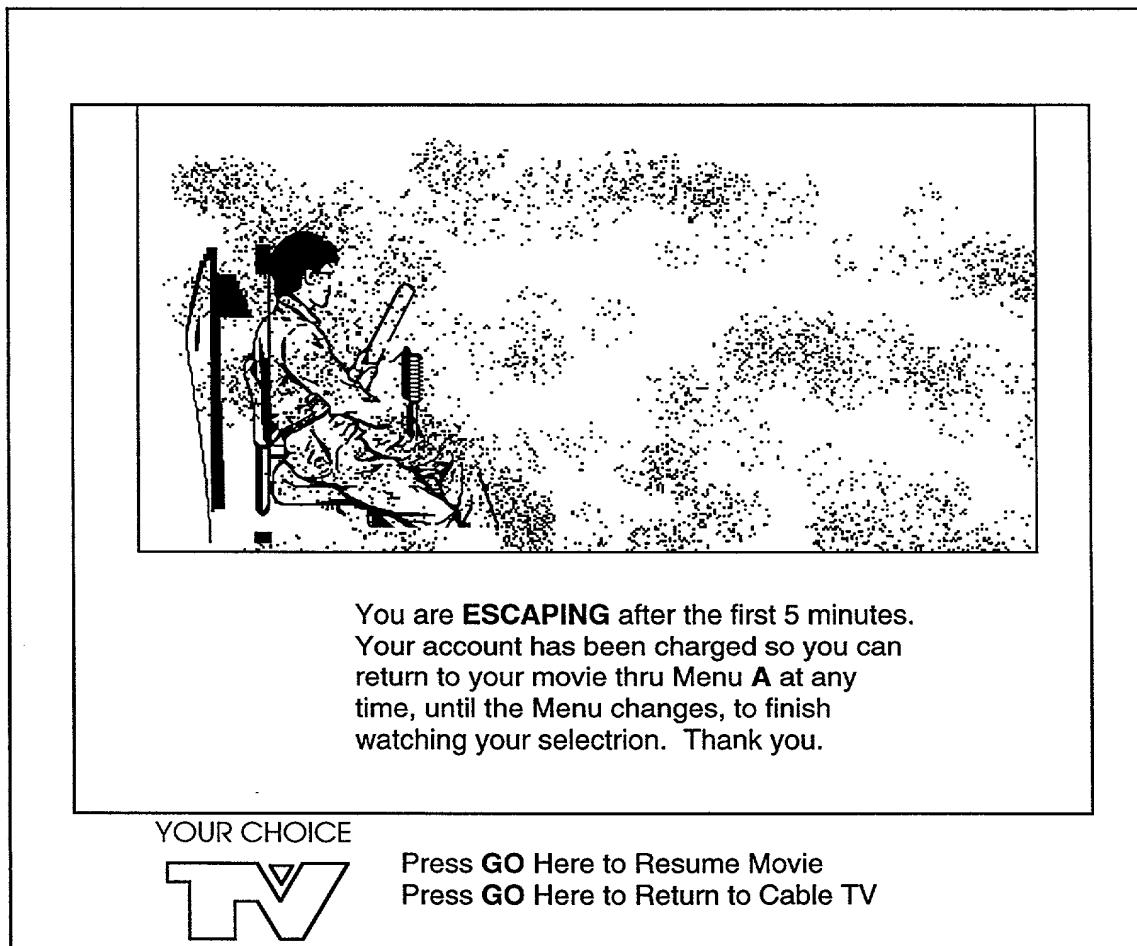


Fig. 29a



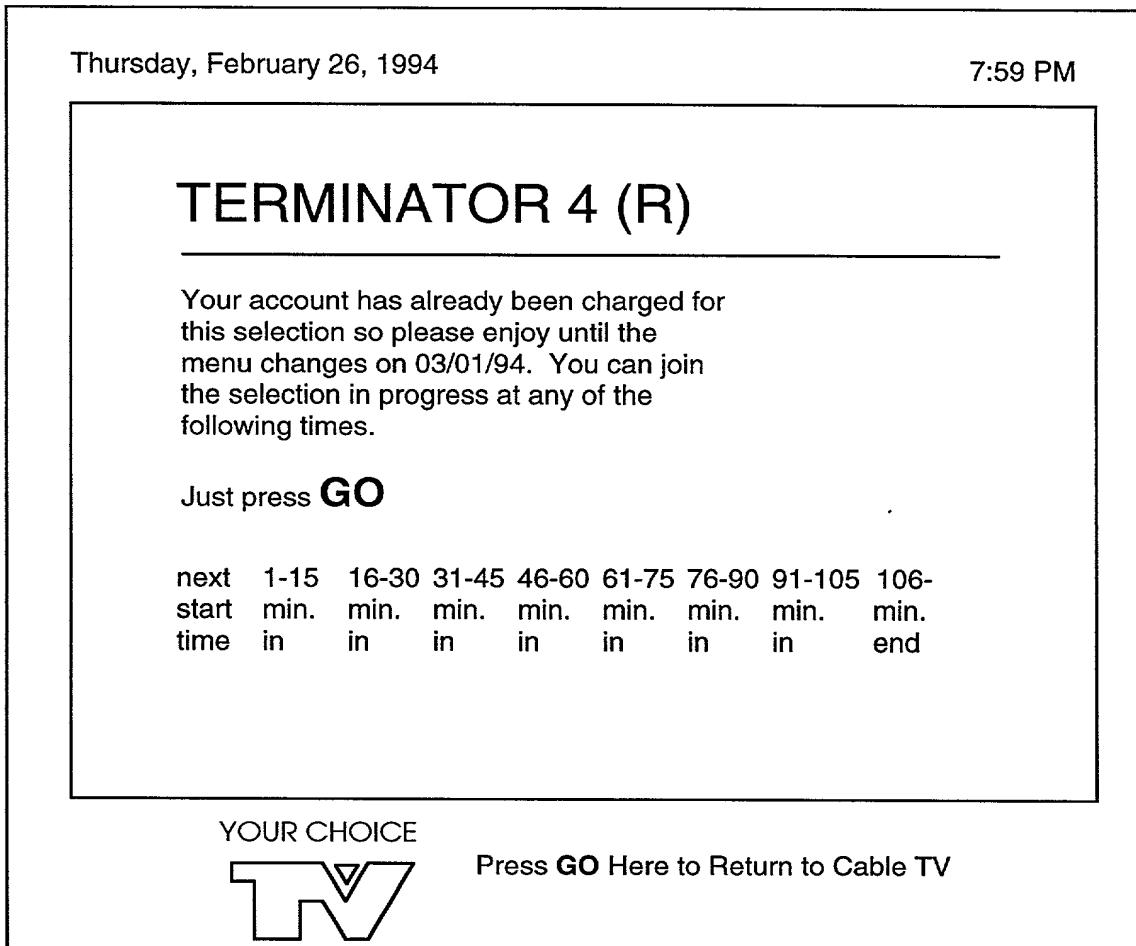
1130

Fig. 29b



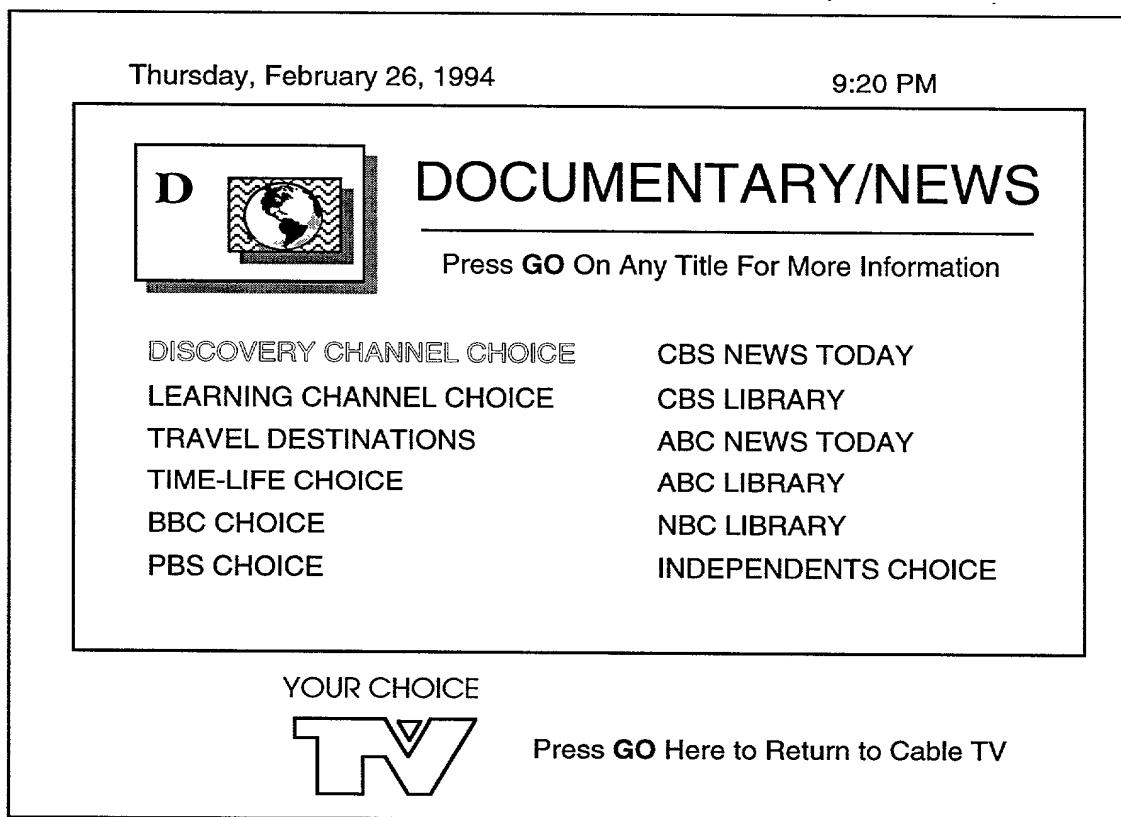
1133

Fig. 29c



1135

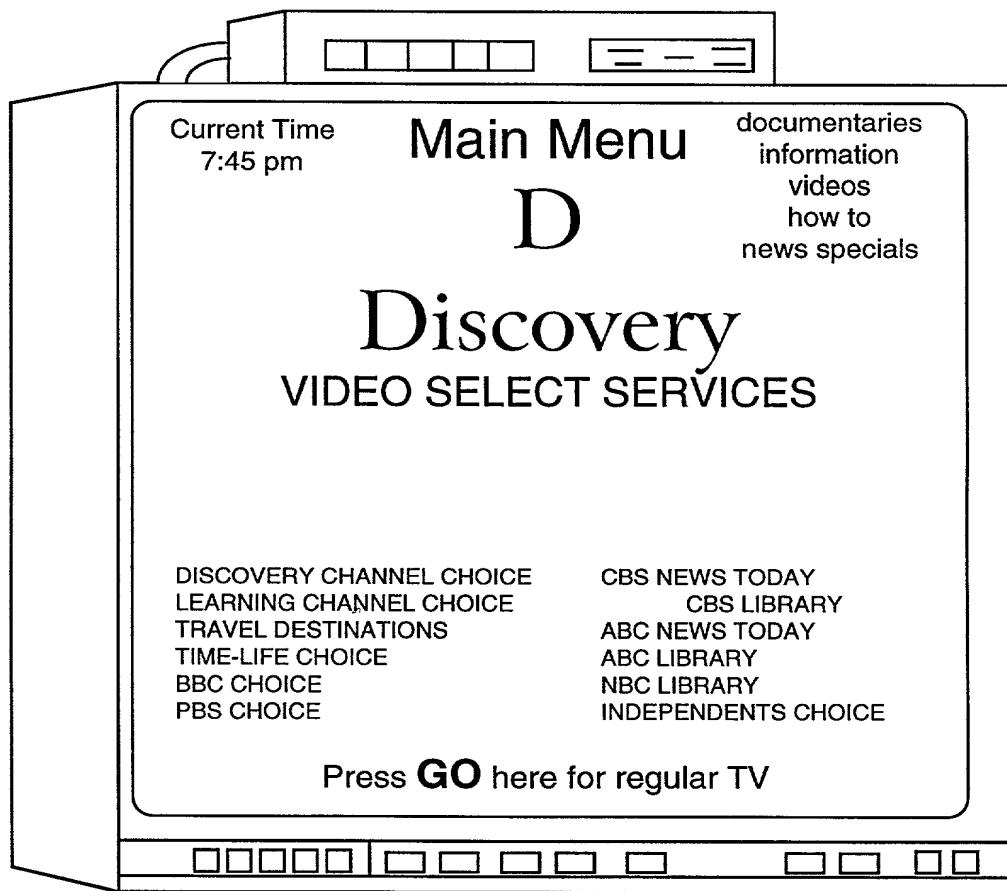
Fig. 30a



1028

Fig. 30b

1042 1042 1042 1042 1042 1042



1042

Fig. 31a

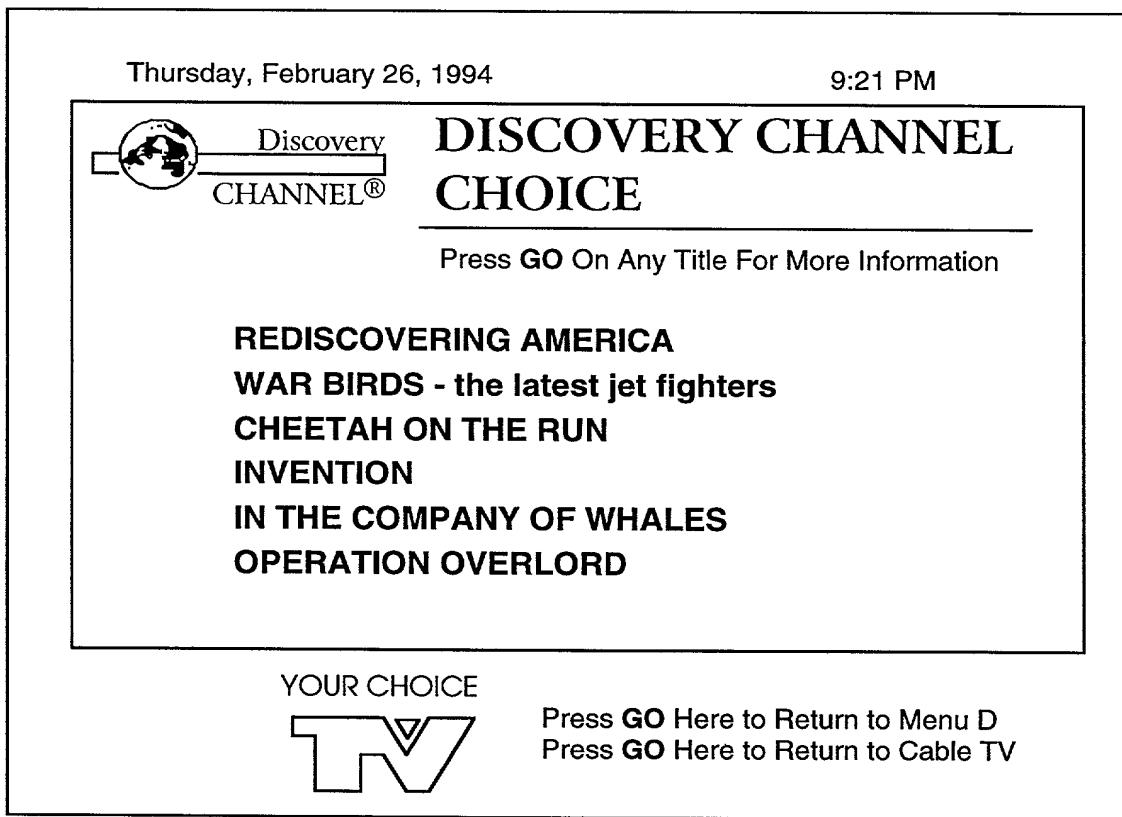
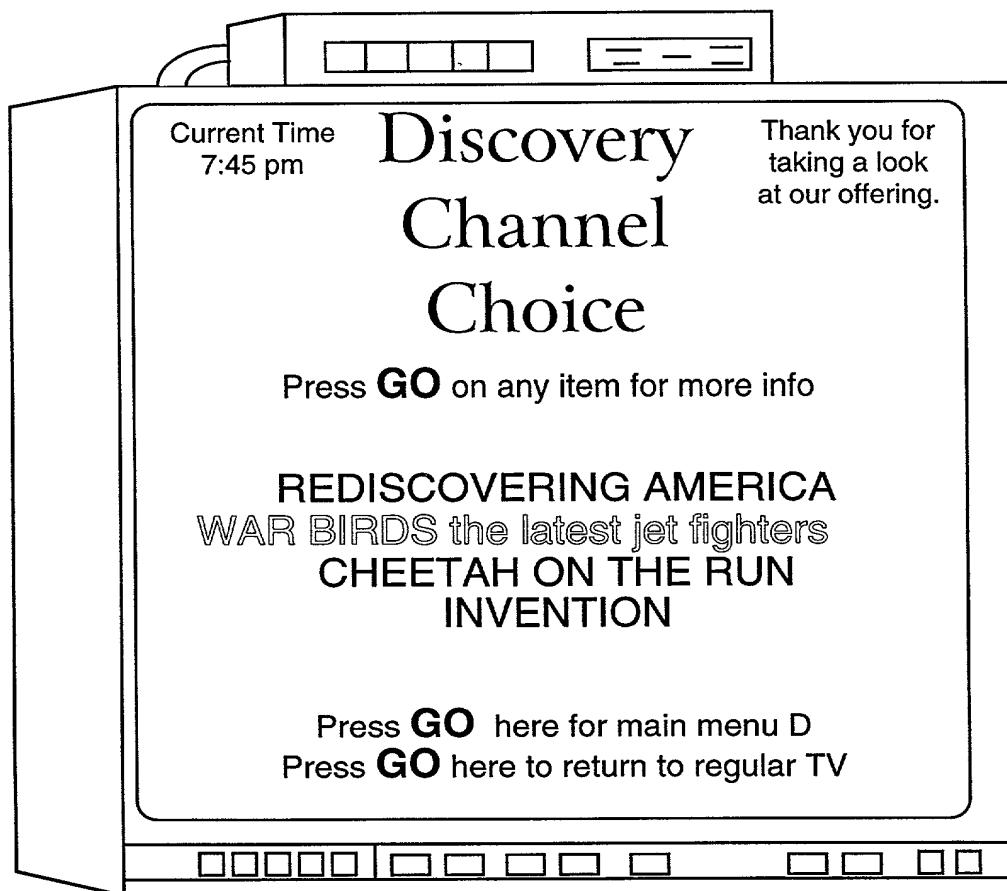
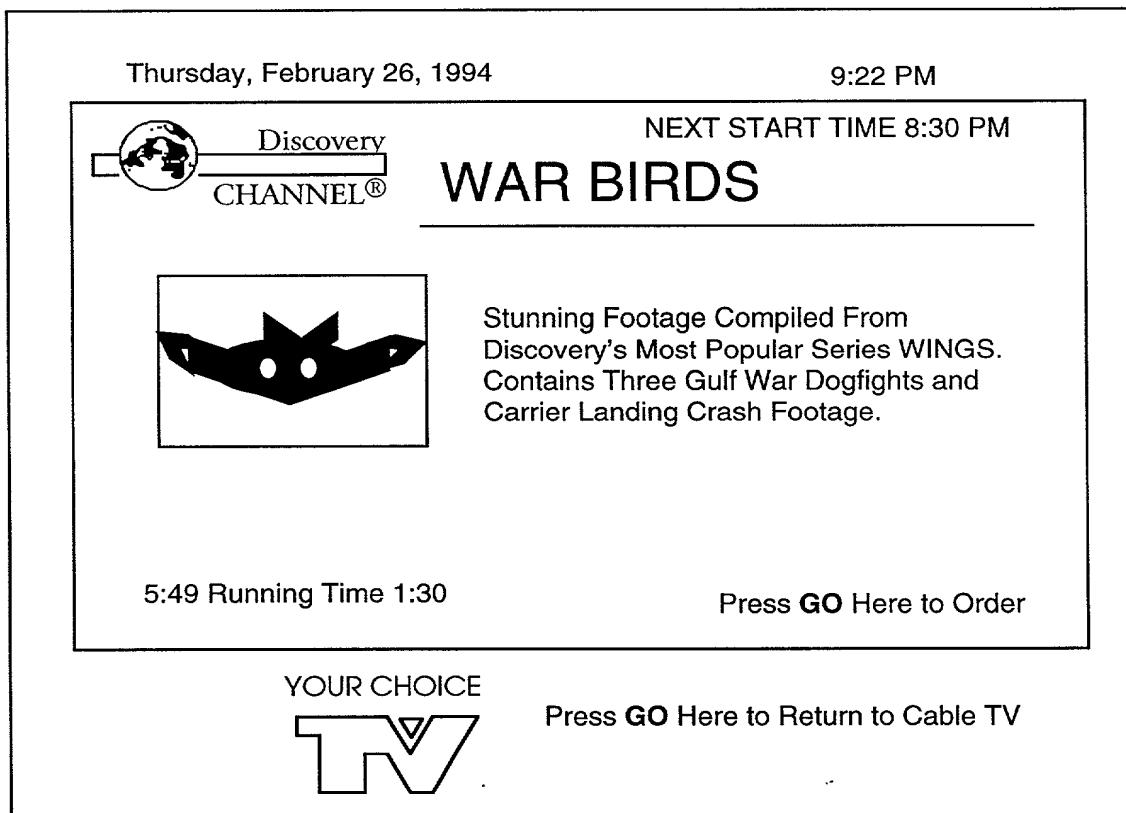


Fig. 31b



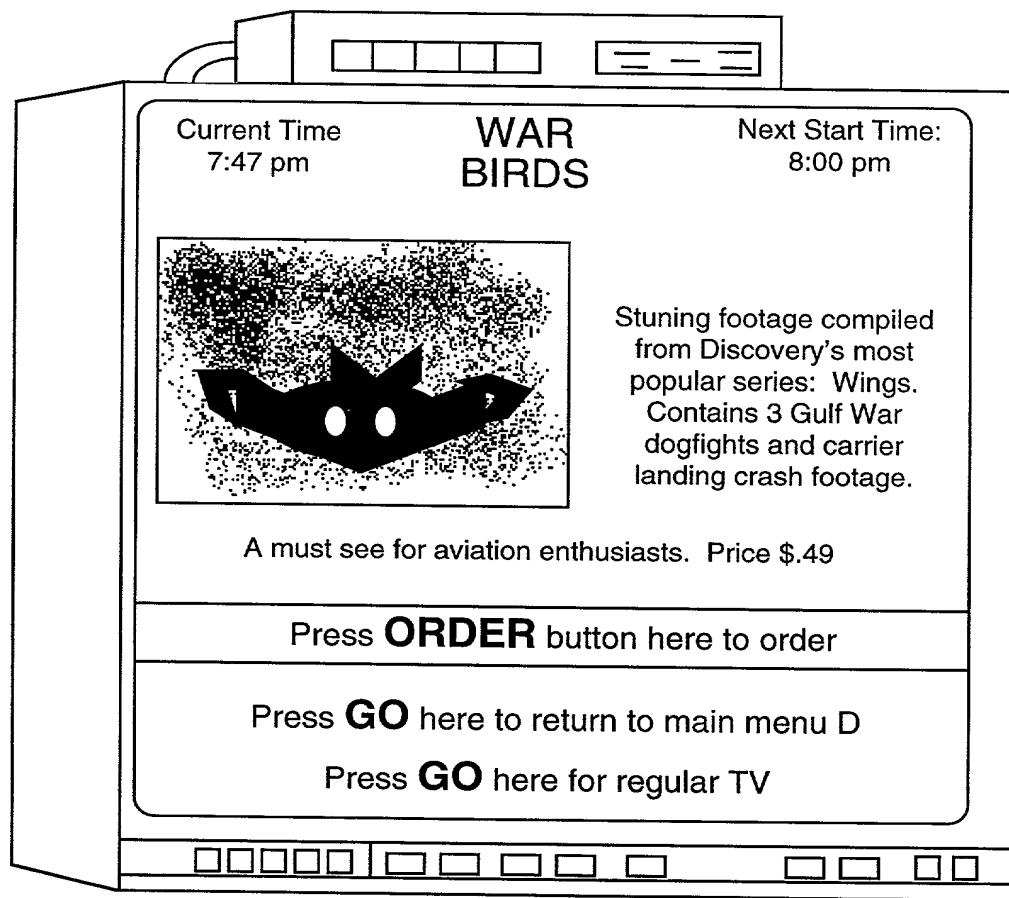
1148

Fig. 32a



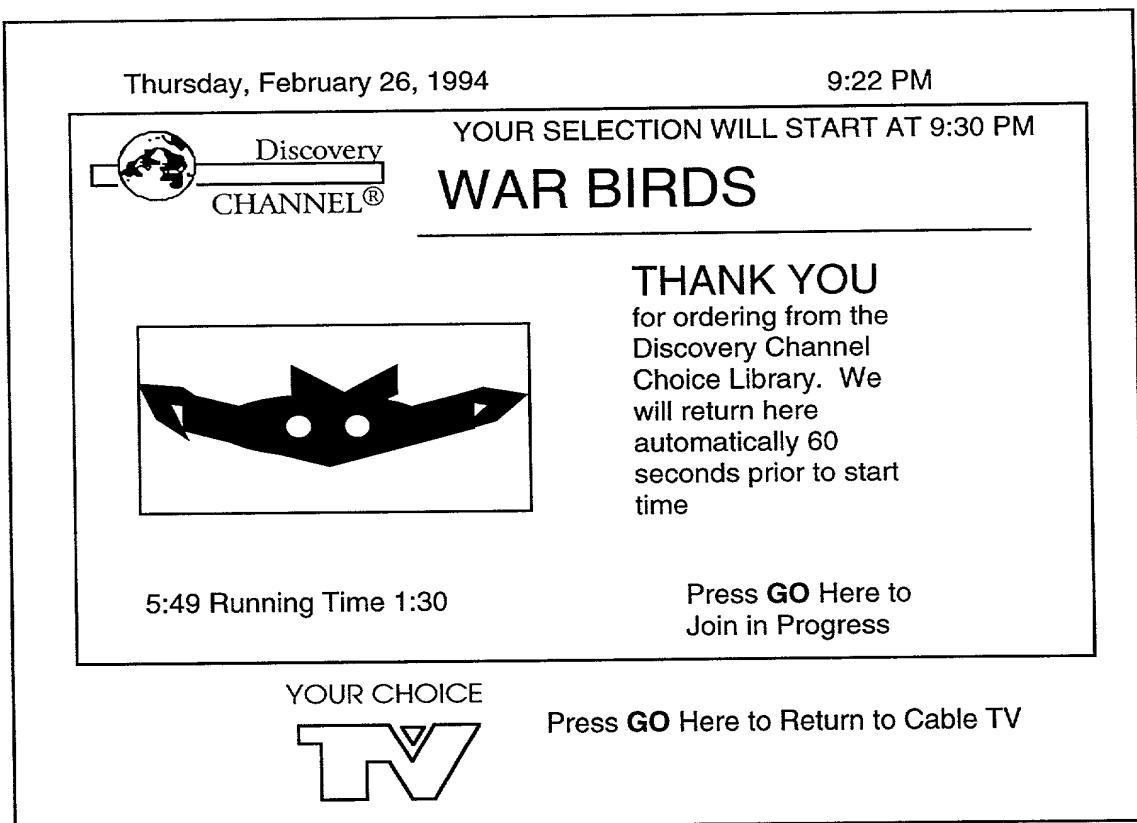
1152

Fig. 32b



1152

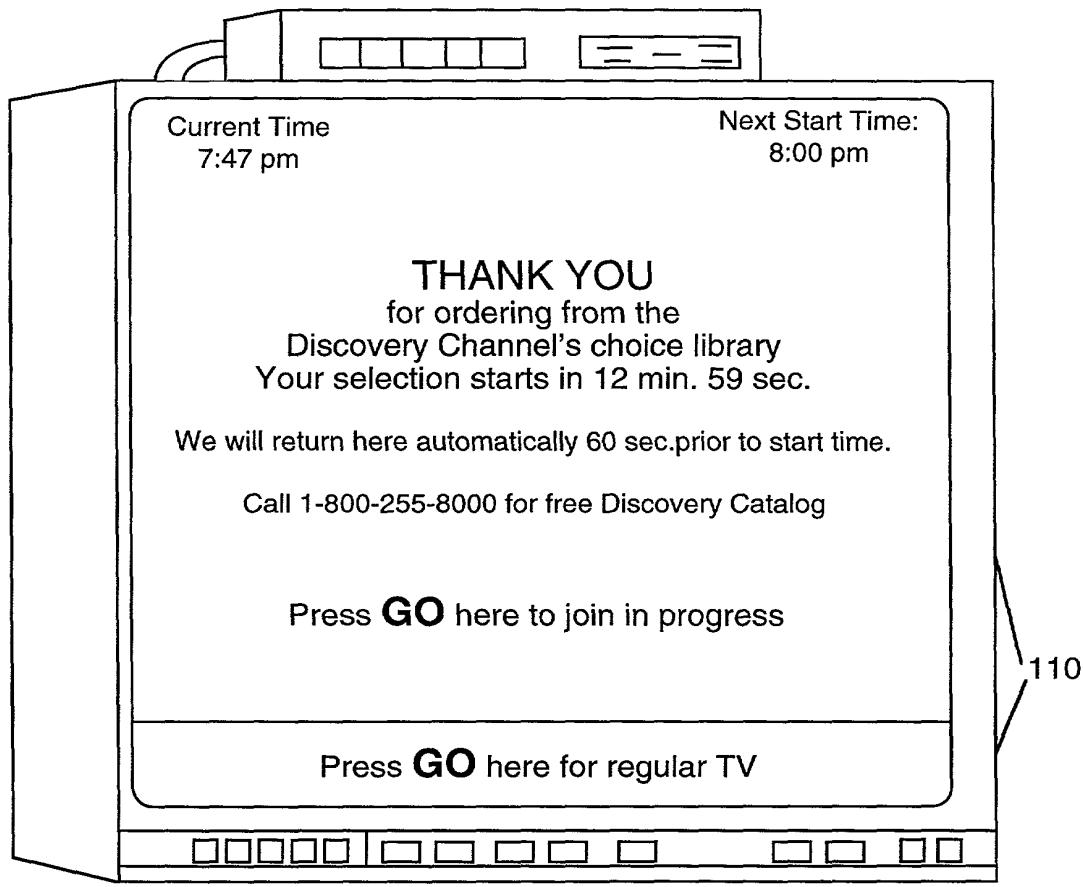
Fig. 33a



1154

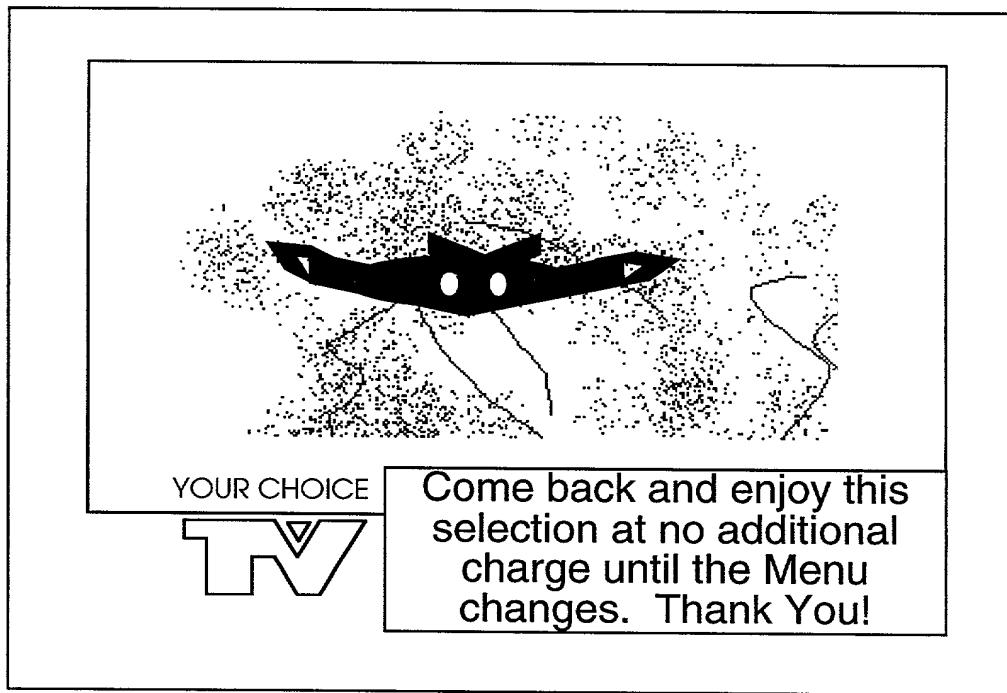
Fig. 33b

MESSAGE CENTER



1154

Fig. 33c



1156